



## HAMPDEN COUNTY REGISTRY OF DEEDS

### DAMS FILE COLLECTION

#### BOOK D08

## TOWN OF HAMPDEN, MASSACHUSETTS



*Donald E. Ashe, Register  
Hampden County Registry of Deeds,  
a Division of the Office of  
William Francis Galvin, Secretary of the Commonwealth*

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Kibbee Dam

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Gleason Dam fka Koncitik Dam



1964 Hampden

Dams are located on a small tributary to the Mill River, easterly of Wilbraham Road in the north-central part of Hampden.

City/Town	Hampden
Dam	Gleason Dam
Dam	Koncitik Dam
Name	Alton E Gleason Inc
Name	Gleason, Alton E
Name	Koncitik, Harold
Streets	Wilbraham Road

CD Hampden

Feb. 13, 1957

Mr. Harold Koncitik  
Wilbraham Road  
Hampden, Mass.

Dear Sir:

In accordance with Chapter 253 of the General Laws of the Commonwealth of Massachusetts, the dams in Hampden have been inspected by the County Hydraulic Engineer. Among those dams inspected were two dams owned by you and situated on a small brook that is a tributary to Mill River. These dams are located easterly of Wilbraham Road in the north central portion of the Town of Hampden.

At the time of the last inspection of your lower dam it was noted that flashboards were still in place on the dam and that the surface of the stored water was very close to the top of the masonry dam itself. Flashboards must be removed from this dam each Fall, preferably in September and not replaced until after the Spring run-off. Thus, flashboards should not be on the dam from September to about April 15th. Also, the report of the County Hydraulic Engineer notes that repairs should be made to the concrete of the dam where the material is beginning to disintegrate. These repairs should be made during 1957.

If you desire further information on this matter, please do not hesitate to call upon us.

Very truly yours


BOARD OF COUNTY COMMISSIONERS

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December 23, 1964

Alton E. Gleason Co., Inc.  
658 Berkshire Avenue  
Springfield, Massachusetts

Att: Mr. Alton E. Gleason

Gentlemen:

In accordance with the provisions of Chapt. 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam located easterly of Wilbraham Road a short distance south of the Wilbraham-Hampden Town line, and situated within the Town of Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"The concrete masonry of this dam is now so badly disintegrated, particularly on the downstream face at the angle point to the right of the spillway, that repairs must be made during the coming year. The Owner should be directed to properly repair the dam and its spillway facility during the coming year or the dam should be breached and abandoned.

Water is leaking thru the concrete masonry near the angle point to the right of the spillway and the masonry now exposed at this point is very poor in quality and quite rotten. A large cavity in the wall exists at the point in question.

No flashboards were in the spillway notch at the time of the inspection and the pond was down about a foot more or less from the elevation of the spillway crest.

In my report of a year ago, I called attention to the fact that a roadway was being constructed from the highway to the general area of

the dam. This roadway is still under construction and no particular change has been made. It is apparent that a development is to be constructed in the general area of the dam at some near future date. "

The concrete masonry of this structure has deteriorated to a point where repairs must be done or the dam breached and abandoned. It is directed that you make the necessary repairs to the dam during the year 1965 and that the repairs include the work needed on the masonry structure of the dam itself as well as on the spillway facility.

When you proceed with the repairs to the dam and spillway, you should notify the County Hydraulic Engineer and have the work inspected. Failure of this dam could release a sufficiently large quantity of water to the stream below with possible damage to the highway at Wilbraham Road as well as to private property downstream. There would also be a danger of injury or even death to persons that might be in the path of water suddenly released by failure of the concrete masonry structure.

If the dam is not repaired in 1965, it should be breached so that no water can be stored.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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# Alton E. Gleason Co., Inc.

658 BERKSHIRE AVENUE

SPRINGFIELD 9, MASS.

★ ★ ★ ★ ★

PAVING CONTRACTORS

★ ★ ★ ★ ★

REpublic 2-8207

December 31, 1964

Commonwealth of Massachusetts  
Board of County Commissioners  
County of Hampden  
Springfield, Mass.

Attn: William F. Stapleton-Chairman

Dear Sir:

In regard to your letter of December 23, 1964, we realize that the dam mentioned is in need of repair and had hoped to complete the work in that area along with the repairs to the dam this year.

We were not able to complete the project this year, but we have it scheduled for early in the Summer of 1965 and assure you the dam will be repaired in 1965.

Very truly yours,

ALTON E. GLEASON COMPANY, INC.

*T. J. Kennedy*



# Alton E. Gleason Co., Inc.

658 BERKSHIRE AVENUE

SPRINGFIELD 9, MASS.

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PAVING CONTRACTORS

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REpublic 2-8207

December 6, 1965

Board of County Commissioners  
52 State Street  
Springfield, Mass.

Gentlemen:

Thank you for your letter of December 1, 1965 concerning the inspection of the dam located on my property in Hampden easterly of Wilbraham Road.

We have now installed the spillway, noted as necessary in your letter and plan to construct a 3' cobble shoulder either side of it.

Loaming and seeding of the top and slope of the embankment has not yet been done and probably will now have to wait until next spring.

Very truly yours,

ALTON E. GLEASON CO., INC.



Alton E. Gleason  
President

AEG/pr

12.8.65 Copy sent to George H. McDonnell, Co. Hy. Engineer.

HAMPDEN PLANNING BOARD

HAMPDEN, MASSACHUSETTS

February 24, 1967

Hampden County Commissioners  
37 Elm Street  
Springfield, Mass.

Gentlemen:

Alton E. Gleason, Inc., Development located in Hampden, Massachusetts, on the easterly side of Wilbraham, Road is currently being reviewed by the Planning Board of Hampden.

One item under discussion is the dam located on this property. Clarification as to the status of this dam with respect to approval by the Hampden County Commissioners would be appreciated.

Past references regarding this subject are a letter from the Hampden County Commissioners to Alton E. Gleason Inc., dated December 1, 1965, which include recommendations for improvement, and secondly a letter from Consultant Engineers, Tighe and Bond to Alton E. Gleason, Inc., dated November 17, 1966. This letter also included recommendations for improvement.

It is not clear to the Planning Board as to whether the latter letter constitutes approval of this dam or not. Since it is our understanding that formal approval of such a dam is required by the Hampden County Commissioners we would appreciate your comments, regarding it's current status.

In addition to this above, it is also our understanding that such dams are inspected once a year. Could you verify this point and also let us know the date of the last such inspection of this dam.

Very Truly Yours,



Gordon Willcutt, Chairman  
Hampden Planning Board

GW:ib

HAMPDEN PLANNING BOARD

HAMPDEN, MASSACHUSETTS

February 24, 1967

Hampden County Commissioners  
37 Elm Street  
Springfield, Mass.

Gentlemen:

Alton E. Gleason, Inc., Development located in Hampden, Massachusetts, on the easterly side of Wilbraham, Road is currently being reviewed by the Planning Board of Hampden.

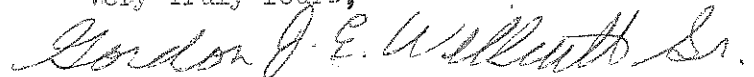
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In addition to this above, it is also our understanding that such dams are inspected once a year. Could you verify this point and also let us know the date of the last such inspection of this dam.

Very Truly Yours,



Gordon Willcutt, Chairman  
Hampden Planning Board

GW:ib



XXXXXXXXXXXX

March 9, 1967

Mr. George H. McDonnell  
County Hydraulic Engineer  
Tighe & Bond  
Bowers & Pequot Sts.  
Holyoke, Massachusetts

Dear Mr. McDonnell:

Enclosed find copy of a letter from the  
Hampden Planning Board, relative to the Alton E.  
Gleason, Inc. Development, located in Hampden.

Will you kindly prepare a reply for sig-  
nature by the County Commissioners.

Very truly yours,

HAMPDEN COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman.

WFS:F

Enc.

xxxxxxxxxxxx

Lloyd W. Fredet

March 9, 1967

Mr. Gordon Willcutt, Chairman  
Hampden Planning Board  
Hampden, Massachusetts

Dear Mr. Willcutt:

We have referred your letter of February 24, 1967 relative to a dam on the property of Alton E. Gleason, Inc. to George H. McDonnell, our Hydraulic Engineer.

As soon as hear from Mr. McDonnell, we will communicate with you on this matter.

Very truly yours,

HAMPDEN COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman.

WFS:F

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# ***TIGHE & BOND***

*CONSULTING ENGINEERS*

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
INVESTIGATIONS, REPORTS, PLANS AND SPECIFICATIONS  
SUPERVISION OF CONSTRUCTION AND OPERATION

BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
March 14, 1967


The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Enclosed herewith, please find an original and one copy of a communication, prepared on your stationery, and addressed to the Planning Board of the Town of Hampden. The letter is in answer to the February 24 letter from the Planning Board to your Board.

If you concur in the contents of the letter, it could be signed and forwarded.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

Enclosures



March 15, 1967

Hampden Planning Board  
Town Office  
Hampden, Massachusetts

Att: Gordon Willcutt, Chairman

Gentlemen:

Your letter of February 24, 1967, regarding the Gleason, Inc. Dam in the Town of Hampden has been received and the information requested is as follows.

This dam has not as yet received the approval of our Board. We have been kept advised of conditions at the dam by the County Hydraulic Engineer. Until such time as a recommendation for acceptance of the dam is given our Board by the County Hydraulic Engineer, the dam, in view of the changes made at the structure, will not be considered approved by this Board.

The above information will clarify the question brought up in the fourth paragraph of your communication. Formal approval of a dam comes from our Board. The letter of February 17 to Alton E. Gleason Co., Inc. by the County Hydraulic Engineer only stated facts relative to the new construction and recommendations for improvements.

According to Chapter 253 of the General Laws of the Commonwealth, dams coming under County jurisdiction must be inspected at least once every two years. In the past, the dam in question has been inspected more often. The County Hydraulic Engineer made the last inspection on November 4, 1966 and, previous to that time, an inspection was conducted on November 19, 1965.

If further information is desired, please call or write our Board.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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August 2, 1967

Alton E. Gleason Co., Inc.  
658 Berkshire Avenue  
Springfield, Massachusetts

Att: Mr. Alton E. Gleason

Gentlemen:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam located easterly of Wilbraham Road a short distance south of the Wilbraham-Hampden Town line, and situated within the Town of Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"The basic concrete structure forming this dam was found to be OK. The spillway tube was satisfactory. The paved apron at the entrance to the spillway tube is cracked and broken. This apron should be repaired. The spillway notch in the concrete dam was satisfactory. Water level in storage was at the crest of the notch.

The downstream earth fill placed in front of the original concrete masonry dam has a fair growth of turf on top but the steep downstream face is poorly shaped, has poor turf cover and, in some areas, the earth is bare. This fill shows signs of cracking and shifting. The fill needs much improvement before it can be considered acceptable."

It is essential that the asphalt paving forming the entrance to the culvert be well maintained. It is also essential that the earth embankment downstream of the concrete masonry wall be stable and be protected with a thick turf growth. From the report of the County Hydraulic Engineer, it would appear as if the slope of the downstream face is too steep and the amount of compaction applied to this fill has been unsatisfactory. The embankment fill must be stable and capable of supporting a good turf growth.

Kindly make the necessary repairs and do the required maintenance at this dam.

Conditions at the dam still are unsatisfactory and the alterations made to this dam are not as yet acceptable.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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CD Hampden  
October 31, 1967

Planning Board  
Town of Hampden, Mass.

Gentlemen:

In accordance with the telephone request from Arthur Christianson, I am providing you herewith, the report on the inspection of a small dam located easterly of Wilbraham Road a short distance south of the Wilbraham-Hampden Town line. This dam is on a proposed Development and apparently is the property of Alton E. Gleason. The report is as follows:

"The basic concrete structure forming this dam was found to be OK. The spillway tube was satisfactory. The paved apron at the entrance to the spillway tube is cracked and broken. This apron should be repaired. The spillway notch in the concrete dam was satisfactory. Water level in storage was at the crest of the notch.

The downstream earth fill placed in front of the original concrete masonry dam has a fair growth of turf on top but the steep downstream face is poorly shaped, has poor turf cover and, in some areas, the earth is bare. This fill shows signs of cracking and shifting. The fill needs much improvement before it can be considered acceptable."

In regard to the earth embankment portion of the dam, it is important that this fill be stable and well compacted. The downstream face of this embankment is too steep for proper stability and ease of maintenance. Conditions at the fill should be corrected, the downstream slope flattened and a good growth of turf developed over the entire embankment.

Any further information concerning this matter which you may desire will be furnished by the undersigned upon request.

Very truly yours,

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George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# ***TIGHE & BOND***

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HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
October 31, 1967

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

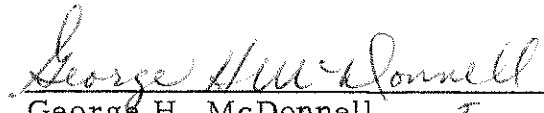
Gentlemen:

Re: Gleason Dam  
Hampden, Mass.

Enclosed for your file, please find a copy of a communication sent to the Planning Board of the Town of Hampden regarding the Gleason Dam.

The Gleason Dam is apparently part of a housing development under construction by Gleason but which has not had approval of the Town of Hampden.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

Enclosure

GEORGE H. McDONNE  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

**TIGHE  
& BOND**

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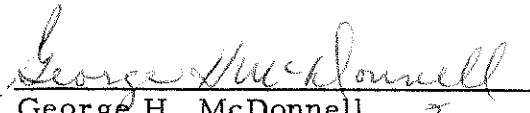
CD Hampden  
November 6, 1967

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Enclosed herewith, please find a copy of a communication sent to the Planning Board of Hampden regarding the Gleason Dam. A special inspection of this dam was made on Sunday, November 5 so that an up to date report of conditions could be made to the Planning Board of Hampden. A copy of my letter-report is attached for your file on this dam.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

CD Hampden  
November 6, 1967

Planning Board  
Town of Hampden  
Massachusetts

Re: Gleason Dam

Gentlemen:

The undersigned made an inspection of the Gleason Dam located easterly of Wilbraham Road and a short distance south of the Wilbraham-Hampden Town line on Sunday afternoon, November 5, 1967. This dam is on a proposed housing development and, according to County records, the dam is apparently the property of Alton E. Gleason.

The Owner of the dam was advised of necessary improvements and repairs in August of this year. The inspection on Sunday, November 5, revealed that repair work had been done at the paved apron forming an entrance to the spillway tube. However, the steep earth fill placed in front of the original concrete masonry dam is still in need of improvement. As reported following the inspection in August, the fill still shows signs of cracking and sliding. Also, at the toe of the fill, huge boulders form a toe wall to support the bottom of the fill but in turn, these boulders are held in place by partially buried trees. Should these trees die and rot away or if they should lean over for any reason whatsoever, the boulders at the toe of the fill will undoubtedly shift and the fill will slide.

Careful examination of the steep slope of the fill shows evidence of some erosion though an improved turf growth is covering the small gullies.

In the opinion of the undersigned, this earth embankment and particularly the steep slope must be improved and stabilization work must be accomplished before a recommendation can be made to the Board of County

Commissioners that the dam is suitable for acceptance.

Very truly yours,

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George H. McDonnell  
County Hydraulic Engineer

GAM/mbf

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

***TIGHE  
& BOND***

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TEL. JEFFERSON 3-3991

CD Hampden  
December 22, 1967

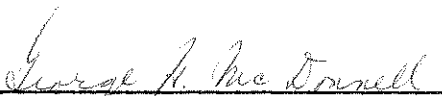
The Hon. the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Re: Gleason Dam, Hampden

Enclosed herewith please find a copy of a communication sent to Mr. Christianson relative to improvements made at the above subject dam. The contents of the letter are self-explanatory. Mr. Christianson, of Edward N. Christianson is the contractor doing the improvements on the Gleason dam.

Very truly yours,

  
\_\_\_\_\_  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd  
Encl.

CD Hampden  
December 22, 1967

Edward N. Christianson, Contractors  
East Longmeadow Road  
Hampden, Massachusetts

Attn: Mr. Arthur Christianson

Gentlemen:

In accordance with your request I made an inspection of the Gleason dam and observed the alterations you have made to the embankment. These alterations have improved the embankment but in my opinion there is still work to be done as of the day of my inspection, Wednesday, December 20th.

The asphalt pavement between the concrete portion of the dam at the spillway notch leading to the inlet of the spillway tube has cracked and is in need of repair. The cracking could have been caused by construction equipment and it could also have been caused by shear action in the embankment itself.

On observing the extension of the spillway tube there is an object projecting into the tube at the point where the extension joins the original tube. Because of poor light conditions at the time of my inspection I could not determine what type object projects into the pipe. If it does project from the joint proper, this would indicate to me that the joint is not watertight. However, I recall that you stated that the junction point of the two sections forming the spillway tube was formed with poured-in-place concrete.



The stone dumped on the sloping surface of the embankment and on the top of the embankment appears to be a very thin cover particularly at the top of the embankment. It almost appears as if an insufficient amount of stone has been placed or the stone has moved downward leaving a portion of the upper section of the slope uncovered.

If the asphalt is repaired, the obstruction in the joint removed and the reason for its presence satisfactorily explained and additional stone is dumped on the surface of the embankment, particularly at the upper areas, I would then be able to recommend to the County Commissioners that construction at the dam is satisfactory. Naturally, no official acceptance of the structure as rebuilt will be made until the embankment has been in service for at least one calendar year. If at the end of a year there has been no movement of material in the embankment and conditions are satisfactory, then I can recommend to the County Commissioners that the owner of the dam and the Town be advised that the dam is satisfactory and acceptable in every respect.

Very truly yours,

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George H. McDonnell  
County Hydraulic Engineer

GHM/amd

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

***TIGHE  
& BOND***

***CONSULTING ENGINEERS***

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HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
December 27, 1967

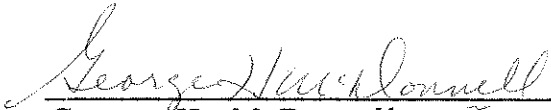
The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Re: Gleason Dam  
Hampden, Mass.

Enclosed herewith, please find a copy of a communication sent to Mr. Christianson relative to the above subject dam. This letter is sent for record purposes.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

Enclosure

CD Hampden  
December 27, 1967

Edward N. Christianson, Contractor  
East Longmeadow Road  
Hampden, Massachusetts

Att: Mr. Arthur Christianson

Gentlemen:

Alterations made to the embankment at the Gleason Dam in Hampden have improved this embankment considerably. The slope of the earth fill has been flattened by the extension of the toe. The spillway tube has been lengthened by the addition of a section of pipe. The surface of the embankment slope has been covered with stone and the area graded. The top of the embankment has partially been covered with stone.

Conditions as now existing at this dam have been greatly improved. As is customary and normal practice, no official acceptance of the construction will be recommended to the County Commissioners at this time. The embankment must be in service for at least one calendar year after which official acceptance is recommended if no major defect appears within the one year service period.

On the assumption that the embankment will now be serviceable and that no work will be required within the next year except normal maintenance, official acceptance of the structure will be recommended to the County Commissioners at the end of 1968. Should there be any need for normal and minor maintenance work or should any major problem occur, you will be notified following periodic inspections of the dam during the coming year.

Very truly yours,

GHM/mbf

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George H. McDonnell  
County Hydraulic Engineer

CD Hampden  
March 19, 1968

Edward N. Christianson, Inc.  
East Longmeadow Road  
Hampden, Massachusetts

Attn: Mr. Arthur Christianson

Re: Gleason Dam  
Hampden, Mass.

Gentlemen:

Reference is made to my communication written to you on December 27, 1967 regarding the above subject dam. The undersigned inspected the dam on Tuesday morning, March 19th following the two-day heavy rain storm of Sunday, March 17th and Monday, March 18th. It was noted that the embankment shows signs of movement and surface wash.

The downstream half of the left portion of the embankment has apparently moved downward and outward. There appears to have been a shear failure in the embankment soil. Movement of the embankment is readily visible by sighting along the top of the stone fill. A marked difference in elevation is extended in the area movement has taken place.

In addition to this movement, the undersigned noted that while walking around on the surface of the stone fill, particularly where the stone is nothing more than a thin cover on the embankment earth, the underlying earth is not stable, is soft and it is evident that this material has had insufficient compaction when it was placed. Had the material been tightly compacted in thin layers, I doubt if the soft condition noted by simply walking on the top of the stone fill would exist.

There is also evidence that surface wash has occurred near the left end of the stone filled embankment in that stone has been washed down

the face of the embankment and the soft earth of the fill has been exposed.

Correction of the conditions as noted herein will be required before I can recommend to the County Commissioners that the dam is ready for acceptance. The soft condition of the embankment seems to indicate that additional compaction should be done and more stone added for stabilization purposes.

Very truly yours,

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George H. McDonnell  
County Hydraulic Engineer

GHM/amd

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# ***TIGHE & BOND***

***C O N S U L T I N G   E N G I N E E R S***

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CD Hampden  
March 19, 1968

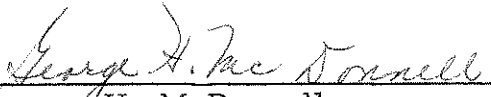
The Hon. the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Re: Gleason Dam, Hampden

Enclosed herewith please find a copy of a communication sent to Mr. Arthur Christianson relative to the above subject dam. Following the heavy rain storm of Sunday, March 17th and Monday, March 18th, the undersigned made inspections of certain dams, one of which was the Gleason Dam. The contents of the communication to Mr. Christianson are self-explanatory. This letter is sent for record purposes.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer *h*

GHM/amd  
Encl.

GEORGE H. MCDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

*TIGHE  
& BOND*

*CONSULTING ENGINEERS*

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
INVESTIGATIONS, REPORTS, PLANS AND SPECIFICATIONS  
SUPERVISION OF CONSTRUCTION AND OPERATION

BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3591

CD Hampden  
March 17, 1969

This letter sent to the following:

Alton E. Gleason Co., Inc., 658 Berkshire Ave., Springfield, Mass.  
Attn: Alton E. Gleason

Mr. V. Rockwell, Rockadundee Road, Hampden, Mass.

Reference is made to your dam in the Town of Hampden, and the fact that there now exists a heavy snow cover throughout Western Massachusetts. The water content of this snow cover, coupled with a warm spring rain could result in extremely heavy runoff conditions. Consequently, the Commissioners of Hampden County have directed that I advise you to be sure that the spillway facilities at your dam are clear of any obstruction and that you take all precautions necessary to protect your dam as well as persons and property downstream.

It is advisable that you also lower the water level of the stored water through use of drawdown gates, and that this lowering be done at this time under controlled conditions so as not to drop the water level at too fast a rate wherein the embankment of the dam might be damaged or the rate of discharge could cause temporary flooding downstream.

If you have any question in connection with this matter, the undersigned can be reached at the above address and telephone number.

Very truly yours,

---

George H. McDonnell  
County Hydraulic Engineer

GHM/amd

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

***TIGHE  
& BOND***

***C O N S U L T I N G   E N G I N E E R S***

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
INVESTIGATIONS, REPORTS, PLANS AND SPECIFICATIONS  
SUPERVISION OF CONSTRUCTION AND OPERATION

BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
March 19, 1970

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

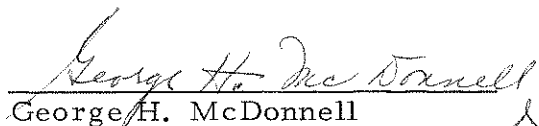
Gentlemen:

Re: Gleason Dam

The undersigned inspected the above subject dam on Wednesday afternoon, March 18th, and found that the spillway tube is still plugged at the lower end, as previously reported, and the owner has taken no action to correct this condition.

It is recommended that a communication be sent to Alton E. Gleason Co., Inc. directing that the spillway tube be cleaned.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd



GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
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The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts


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George H. McDonnell  
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GHM/amd

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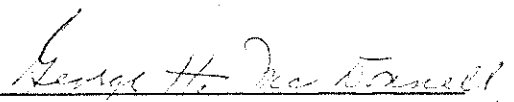
Gentlemen:

Re: Gleason Dam

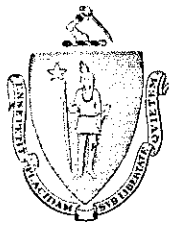
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It is recommended that a communication be sent to Alton E. Gleason Co., Inc. directing that the spillway tube be cleaned.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd



Commonwealth of Massachusetts  
**County of Hampden**  
Springfield, Mass.

Office of the  
County Commissioners  
52 State Street

William F. Stapleton  
Chairman

~~Robert J. Dwyer~~  
Floyd W. Fradet

Stephen A. Moynahan

March 25, 1970

Alton E. Gleason Co., Inc.  
658 Berkshire Avenue  
Springfield, Massachusetts

Attn: Mr. Alton E. Gleason

Gentlemen:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of dams of Hampden County, you are hereby advised that your dam located easterly of Wilbraham Road a short distance south of the Wilbraham-Hampden Town line, and situated within the Town of Hampden has been recently inspected by our engineer and your attention is called to the following conditions noted and recommendations made by him.

"The undersigned inspected the above subject dam on Wednesday afternoon, March 18th, and found that the spillway tube is still plugged at the lower end, as previously reported, and the owner has taken no action to correct this condition.

It is recommended that a communication be sent to Alton E. Gleason Co., Inc. directing that the spillway tube be cleaned."

Last fall you were advised that the end of the spillway tube was plugged with brush, sticks, stones, debris and miscellaneous junk. It was pointed out that the tube should be cleaned, should be inspected frequently and kept clean of material of this nature. It is essential that the dam be maintained properly.

You are directed to remove all material plugging the end of the spillway tube immediately. Any unreasonable delay will necessitate the enforcement of the applicable provisions and sections of Chapter 253 of the General Laws of the Commonwealth.

# Alton E. Gleason Co., Inc.

658 BERKSHIRE AVENUE

SPRINGFIELD 9, MASS.

★ ★ ★ ★ ★

PAVING CONTRACTORS

★ ★ ★ ★ ★

REpublic 2-8207

March 27, 1970

Office of the County Commissioners  
52 State Street  
Springfield, Mass.

Gentlemen:

This is in reference to your letter dated  
March 25, 1970.

We sent our men to unplug the spillway tube  
at our dam located within the Town of Hampden, and  
on March 27, 1970 this operation was completed.

Very truly yours,

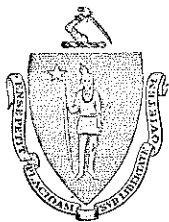
ALTON E. GLEASON CO., INC.



Alton E. Gleason  
President

pw

4-1-70 Copy sent to Pres N McDaniel



Commonwealth of Massachusetts

# County of Hampden

Springfield, Mass.

Office of the  
County Commissioners  
52 State Street

William F. Stapleton  
Chairman

~~Ralph J. Walsh~~

Floyd M. Fradet

Stephen A. Moynahan

October 22, 1969

Alton E. Gleason Co., Inc.  
658 Berkshire Avenue  
Springfield, Massachusetts

Att: M. Alton E. Gleason

Gentlemen:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam located easterly of Wilbraham Road a short distance south of the Wilbraham-Hampden Town line, and situated within the Town of Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"The asphalt apron forming an approach to the spillway tube is cracked. These cracks should be filled with an asphalt material to seal them and prevent the seepage of water under the asphalt apron.

The spillway tube is partly plugged at the lower end. An examination of the lower portion of the tube shows that up inside the tube there are brush, sticks, stones, debris and miscellaneous junk. The undersigned took two huge stones out of the spillway tube as well as an automobile tire, some branches and miscellaneous wood. It appears as if someone has been trying to plug the tube since much of the material, particularly small stones and dirt, have been packed into the tube from the downstream end. The tube should be inspected from time to time and kept clean.

The spillway notch in the upstream concrete wall is o.k. There was no stoplog in the notch nor was there any debris plugging the opening. The water level in storage was at the crest elevation of the notch.

The earth and processed stone fill of the embankment was o.k. The toe area was reasonably dry. Very little brush growth is occurring on the embankment.

The upstream concrete wall is eroded and cracked at the surface on the water-side face. Repairs done in the near future will prevent more extensive and deeper damage.

The owner should be directed to clean out the spillway tube immediately and to inspect the tube from time to time to be certain that it does not get plugged again. With the spillway tube cleaned and maintained in a clean condition the dam will be safe.

It is essential that the dam be maintained in a good state of repair. The paving at the entrance to the spillway should be repaired as necessary and the spillway tube cleared of any debris. The dam should be inspected frequently and when the tube does become plugged or there is evidence of needed repairs, the required work should be done immediately.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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Carmody Dam



1926 Hampden

Dam located on Scantic Brook.

City/Town	Hampden
Dam	Carmody Dam
Name	Carmody, Anna
Water	Scantic Brook

Page 26 of report

Mrs. Anna Carmody,  
East Longmeadow, Mass.

you are notified that your  
dam, located on Scautic Brook so called in the Town  
of Hampsden, etc.

"The overflow is through a canal over  
the natural ground one hundred feet away  
from the north end of the dam. The  
spillway at the head of this canal, over  
which the water flows, is in poor condition  
and should be repaired. The dam also  
requires repairing, especially a leak  
under the four foot penstock laid through  
the dam to the wheel."

Now, therefore, etc.



March 10, 1926

Mrs. Anna Carnody,  
East Longmeadow, Mass.

Dear Madame:

In accordance with the provisions of Section 45 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923 and as further amended by Chapter 178 of the Acts of 1924 relative to the inspection, condition and safety of the dams of Hampden County, you are notified that your dam, located on Scantic Brook so-called in the Town of Hampden, has been inspected by our engineer and your attention is called to the following recommendations made by him;

"The overflow is through a canal over the natural ground one hundred feet away from the north end of the dam. The spillway at the head of this canal, over which the water flows, is in poor condition and should be repaired. The dam also requires repairing, especially a leak under the four foot penstock laid through the dam to the wheel."

Now, therefore, in accordance with Section 46 of said Chapter 253, it is ordered that the above recommendations be complied with in a reasonable time.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman

\_\_\_\_\_  
\_\_\_\_\_

November 17, 1926

Mrs. Anna Carmody,  
East Longmeadow, Mass.

Dear Madam:

Inasmuch as your dam was inspected quite recently by our Engineer who found that no repairs had been made thereon, your attention is called to the notice sent to you on March 10, 1926 of which a copy is herewith enclosed.

In case you would like further information regarding the repairs required than that contained in notice, should you communicate or call upon our Engineer, James L. Tighe of the firm of Tighe & Bond, 189 High St., Holyoke, Mass., he will be glad to advise you.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_ Chairman

\_\_\_\_\_  
\_\_\_\_\_

C/N  
Enc.

Carter Dam



1958 Hampden

Located on Big Brook between Glendale Road and Hollow Road.

City/Town	Hampden
Dam	Carter Dam
Name	Carter, Ralph
Streets	Hollow Road
Streets	Glendale Road
Water	Big Brook

CD Hampden

Nov. 6, 1958

The Hon. the Board of County Commissioners  
Hampden County Court House  
37 Elm Street  
Springfield, Mass.

Gentlemen:

Reference is made to the Carter Dam in the Town of Hampden owned by Mr. Ralph Carter and situated on Big Brook between Glendale Road and Hollow Road. This dam was owned, and probably still is, by Ralph Carter of Longmeadow, whose last business address shown in my files is Highland Knitting Co., 33 Lyman Street, Springfield, Mass.

The undersigned has never submitted a recommendation to your Board regarding the acceptance of this dam. Since the flood of August, 1955, maintenance and repair work has been needed. During the past two years there has been no sign of the owner doing anything of any consequence to repair the dam. Since the structure should probably be completely rebuilt, it is recommended that any decree issued in connection with this dam be discharged and the owner notified that the dam is to be left breached and that no repairs are to be made until a new petition is filed along with the proper plans and specifications.

Respectfully submitted,

---

George H. McDonnell  
County Hydraulic Engineer

GHM/mb

Chaffin Dam fka East Longmeadow Rod & Gun Club Dam fka Carmody Dam



1948 Hampden

Located adjacent to Mill Road on Scantic River.

Abutters	East Longmeadow Rod & Gun Club
City/Town	Hampden
Dam	Carmody Dam
Dam	Chaffin Dam
Dam	East Longmeadow Rod & Gun Club Dam
Name	Chaffin, Gertrude
Streets	Mill Road
Water	Scantic River



ARTHUR A. & SHIRLEY J. CHRISTIANSON

N. 85°-55'-30" W. 1145.50

N. 87°-09'-25" W. 710.07

N. 87°-02'-50" W. 846.57

FRANCIS A. & AUDREY L. BAINES

N. 87°-02'-50" W. 846.57

AUDREY L. BAINES

WALTER & ANNA H. LABODYCZ  
AREA = 26.13 ACRES

POND

5.83°-10'-40" E. 1446.73

N. 89°-10'-40" W. 1234.42

MILL

EARTH PILE

N. 81°-54'-40" W. 204.55

N. 87°-55'-10" W. 1065.62

CANAL

ROAD

S. 53°-55'-10" E. 1065.62

Arc = 235.12  
R = 500.00

Arc = 235.12  
R = 500.00

POND

GERTRUDE B. CHAFFIN

GERTRUDE

WALTER & ANNA H. LABODYCZ  
AREA = 58.37 ACRES

SCANTIC RIVER





5525

December 8, 1947

Mrs. C. E. Chaffin  
Mill Road  
Hampden, Massachusetts

Dear Madam:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that the dam belonging to you and located off Mill Road in the southwest portion of Hampden has been inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him:

"In a recent inspection made of the Carmody Dam in Hampden, also known as the East Longmeadow Rod & Gun Club Dam, now owned by Mrs. C. E. Chaffin, it was found that the emergency overflow or swale so-called, has been raised and partially closed up. This emergency overflow should be opened up and restored to its former level."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By Charles W. Bray

Chairman

William Dwight

Thomas F. Sullivan

COPY

December 1, 1948

Mrs. C. E. Chaffin  
Mill Road  
Hampden, Massachusetts

Dear Madam:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that the dam belonging to you and located off Mill Road in the southwest portion of Hampden has been inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him:

"In a recent inspection made of the Carmody Dam in Hampden, also known as the East Longmeadow Rod & Gun Club Dam, now owned by Mrs. C. E. Chaffin, it was found that racks and fine mesh wire screening have been placed in front of the spillway and emergency spillway. The fine mesh wire screening should be removed before it becomes choked up, preventing free flow of the stream and results in over-topping of the dam. The earthen structure adjoining the easterly side of the emergency spillway should be raised to provide an additional 12" of freeboard."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By Charles W. Bray  
Chairman

William Dwight

Thomas F. Sullivan

TOWN OF HAMPDEN  
MASSACHUSETTS 01036

OFFICE OF  
BOARD OF SELECTMEN

PO Box 177, Hampden, Mass.

June 1, 1967

Hampden County Commissioners  
37 Elm Street  
Springfield, Mass. 01103

Gentlemen:

There is a pond adjacent to Mill Road in Hampden,  
the dike of which broke during the recent period  
of high water.

Is your approval required before this dike is  
replaced by the owner, who is Mrs. Gertrude Chaffin,  
150 Mill Road, Hampden?

Very truly yours,



Charles R. Melville  
Chairman  
Board of Selectmen

M/rw

xxxxxxxxxxxx

June 2, 1967

Lloyd W. Fradet

Mr. George H. McDonnell  
County Hydraulic Engineer  
Tighe & Bond  
Bowers & Pequot Sts.  
Holyoke, Massachusetts

Dear Mr. McDonnell:

Enclosed is a copy of a letter, dated  
June 1, 1967, from the Board of Selectmen of  
the Town of Hampden.

The County Commissioners request that you  
determine whether or not this proposed dike  
requires approval by the County Commissioners.

Very truly yours,

HAMPDEN COUNTY COMMISSIONERS

By \_\_\_\_\_  
County Counsel

WJF:F

Enc.

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# ***TIGHE & BOND***

***CONSULTING ENGINEERS***

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
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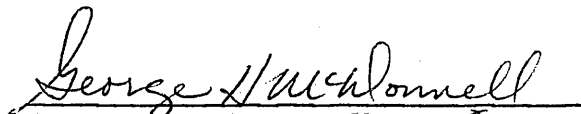
CD Hampden  
June 6, 1967

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

This will acknowledge your communication of June 2, 1967, and the copy of a communication dated June 1, 1967, from the Town of Hampden relative to the break in the dike on property of Chaffin of Mill Road in Hampden. On Wednesday, June 7, 1967, I will be inspecting dams in the easterly area of the County and will go to Brimfield and Holland by way of Hampden for the purpose of viewing the dike. A report to your Honorable Board relative to conditions at the dike will be sent to you immediately thereafter.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

CD Hampden  
June 8, 1967

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

In accordance with your letter of June 2, 1967, the undersigned on Wednesday, June 7, 1967, inspected the dike owned by Mrs. Gertrude Chaffin along Mill Road in Hampden. My inspection showed that the dike had recently been breached and roughly repaired. Water had discharged through the breach in the dike onto and across the pavement of Mill Road doing minor damage to the northerly edge of the pavement and washing away some of the finer materials forming the northerly gravel shoulder of the Road. Released water entered a swampy undeveloped area and eventually reached Scantic River.

The dike is southerly of and parallel to Mill Road in a general location about 2000 ft. westerly of Somers Road. The dike was originally built to contain a shallow body of water along a canal and diversion ditch leading from Scantic River westerly to the main dam and pond.

I am attaching hereto a photocopy of the topographical map showing the existing facilities forming the ditch, the dike and related pond, the canal and the main dam. The direction of flow of water is also shown. A portion of the water flowing in Scantic River is diverted via the ditch to the pond at the dike and thence via the canal to the pond at the main dam. A review of the past history of these facilities show that the stored water was first used to furnish power to a saw and grist mill owned by Kibble and Tuttle. The grist mill apparently went out of existence sometime prior to 1930 and about in 1935 the saw mill was shut down. No apparent use is now made of the water power developed by the existing facilities. Under normal stream flow conditions, the dike and the dam are suitable and serviceable. However, though maintenance has been done on the dam and the related tube spillway from time to time, the undersigned has never noted evidence of maintenance being done along the dike.

In my last report relative to the condition of the dike, I noted that it was found to be satisfactory though quite rough in shape and worn in areas where persons apparently walked across and along the dike.

At the point where the water of Scantic River enters the ditch leading to the pond at the dike, there are no control facilities. The water of the River simply divides with the major portion following the main bed of the stream and a much smaller portion of the flow following the ditch leading to the pond and dike. The higher the flow in Scantic River because of storm run-off conditions, the greater is the quantity of water that will flow to the dike area. The pond at the dike area is relieved through the canal leading to the pond at the dam and, if inflow to the dike area exceeds the ability of the canal to transfer water to the dam and the spillway, the water behind the dike could rise to a point to overtop the dike. Also, it is possible that increased water pressure against the dike as a result of a rise in stored water level could cause a blow-out of a weakened portion of the dike.

In my opinion, since a breach of the dike has caused minor damage to Mill Road, and since a more serious breach might occur under future heavy precipitation conditions, the owner of the dike should be required to properly repair the breach in the dike with suitable material, well compacted and including an acceptable core. The material now placed in the breach of the dike has probably been placed without compaction and without any consideration of core construction.

If the owner of the dam and dike has no particular use for these facilities, it might be advisable to fill in the ditch connecting Scantic River to the pond at the dike and thus prevent the entrance of Scantic River water into the basin behind the dike. The facilities would then act simply as a local drainage system.

It is recommended that a communication be sent to Mrs. Gertrude Chaffin outlining the manner in which the repair work should be carried on and completed and a letter be sent to the Board of Selectmen of the Town of Hampden informing them of your action.

Very truly yours,

---

George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
INVESTIGATIONS, REPORTS, PLANS AND SPECIFICATIONS  
SUPERVISION OF CONSTRUCTION AND OPERATION

# **TIGHE & BOND** CONSULTING ENGINEERS

BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
June 8, 1967

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

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The dike is southerly of and parallel to Mill Road in a general location about 2000 ft. westerly of Somers Road. The dike was originally built to contain a shallow body of water along a canal and diversion ditch leading from Scantic River westerly to the main dam and pond.

I am attaching hereto a photocopy of the topographical map showing the existing facilities forming the ditch, the dike and related pond, the canal and the main dam. The direction of flow of water is also shown. A portion of the water flowing in Scantic River is diverted via the ditch to the pond at the dike and thence via the canal to the pond at the main dam. A review of the past history of these facilities show that the stored water was first used to furnish power to a saw and grist mill owned by Kibbie and Tuttle. The grist mill apparently went out of existence sometime prior to 1930 and about in 1935 the saw mill was shut down. No apparent use is now made of the water power developed by the existing facilities. Under normal stream flow conditions, the dike and the dam are suitable and serviceable. However, though maintenance has been done on the dam and the related tube spillway from time to time, the undersigned has never noted evidence of maintenance being done along the dike.



**TIGHE  
& BOND CONSULTING ENGINEERS**

-2-

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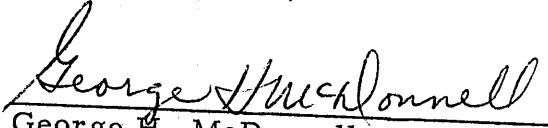
At the point where the water of Scantic River enters the ditch leading to the pond at the dike, there are no control facilities. The water of the River simply divides with the major portion following the main bed of the stream and a much smaller portion of the flow following the ditch leading to the pond and dike. The higher the flow in Scantic River because of storm runoff conditions, the greater is the quantity of water that will flow to the dike area. The pond at the dike area is relieved through the canal leading to the pond at the dam and, if inflow to the dike area exceeds the ability of the canal to transfer water to the dam and the spillway, the water behind the dike could rise to a point to overtop the dike. Also, it is possible that increased water pressure against the dike as a result of a rise in stored water level could cause a blow-out of a weakened portion of the dike.

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If the owner of the dam and dike has no particular use for these facilities, it might be advisable to fill in the ditch connecting Scantic River to the pond at the dike and thus prevent the entrance of Scantic River water into the basin behind the dike. The facilities would then act simply as a local drainage system.

It is recommended that a communication be sent to Mrs. Gertrude Chaffin outlining the manner in which the repair work should be carried on and completed and a letter be sent to the Board of Selectmen of the Town of Hampden informing them of your action.

Very truly yours,

  
George M. McDonnell  
County Hydraulic Engineer

GHM/mbf

June 14, 1967

Mrs. Gertrude Chaffin  
150 Mill Road  
Hampden, Massachusetts

Dear Mrs. Chaffin:

We have received a report relative to the failure of a dike owned by you southerly of Mill Road and extending along the pond at the upper end of the canal leading to the main dam and pond. The County Hydraulic Engineer has made an inspection of the dike, the site of the dike failure and has reported his findings to our Board.

Failure of the dike did some damage to the paving on Mill Road and to the northerly shoulder of the road. In order to prevent a recurrence at this particular location, it is necessary that the dike embankment be carefully and properly reconstructed. This will require the cleaning out of the breached area and the replacement of the embankment material with compacted earth and a central core of impervious material such as clay, till, concrete or other similar serviceable material.

The County Hydraulic Engineer has reported to our Board on the flow pattern of water from Scantic River through the connecting ditch to the pond at the dike, thence by canal to the main pond and dam where water overflows and makes its way back to Scantic River.

On the assumption that you are the owner of all of the related facilities and water rights, it is suggested that you give consideration to a thorough improvement and maintenance program regarding the ditch, the dike, the canal, the dam and spillway or plan on a suitable method of preventing high rates of flow of Scantic River water into the diversion facilities.

We will be pleased to have the County Hydraulic Engineer discuss this matter with you. Will you kindly inform our Board as to what action you plan to take relative to repairing the breach in the dike in an approved

manner.

The existing material used to repair the breach in the dike appears to have been placed without being thoroughly and carefully compacted. The person or persons engaged to do the work should be provided thorough instructions as to how the work is to be done and these instructions should be filed with our Board for review and approval. The instructions or specifications for properly repairing the breach in the dike could be prepared by an experienced engineer. The County Hydraulic Engineer would be pleased to assist you and the person or persons properly repairing the breach in the dike. If you wish to discuss this matter with our Board or the County Hydraulic Engineer, please call or write our office.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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June 14, 1967

Board of Selectmen  
P. O. Box 177  
Hampden, Massachusetts

Att: Charles R. Melville, Chairman

Gentlemen:

In reference to your letter of June 1, 1967 regarding the breach in the dike owned by Mrs. Gertrude Chaffin of 150 Mill Road in Hampden, the County Hydraulic Engineer has made an inspection of the site and has submitted his report to us. We have advised Mrs. Chaffin that the breach in the dike should be properly and thoroughly repaired and have outlined the manner in which this should be accomplished. The County Hydraulic Engineer will follow up the matter and our Board will keep your Board informed.

Approval of our Board will be required relative to methods used in making the permanent repairs to the dike.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# **TIGHE & BOND**

**CONSULTING ENGINEERS**

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
INVESTIGATIONS, REPORTS, PLANS AND SPECIFICATIONS  
SUPERVISION OF CONSTRUCTION AND OPERATION

BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
August 28, 1967

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Re: Chaffin Dike  
Mill Road  
Hampden, Mass.

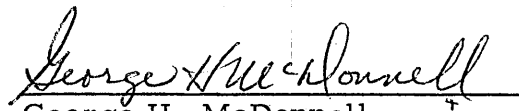
Gentlemen:

Reference is made to the report of the undersigned of June 8, 1967 informing your Honorable Board of conditions in the field at the site of the failure of the dike at the above subject site. Your Board wrote to Mrs. Gertrude Chaffin on June 14, 1967 and requested Mrs. Chaffin to inform your Board as to what action she planned to take relative to repairing the breach in the dike in an approved manner. You also pointed out that the undersigned would be pleased to discuss the matter with Mrs. Chaffin and to assist in properly repairing the breach in the dike.

To date, I have heard nothing from Mrs. Chaffin. Recently, I made another inspection at the site of the dike and found conditions to be about the same as noted on June 7, 1967.

It is suggested that another communication be sent to Mrs. Chaffin calling her attention to your letter of June 14, 1967 and requesting that she inform your Board as to whether or not the facilities for diverting Scantic River water are to be kept operative.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

August 30, 1967

Mrs. Gertrude Chaffin  
150 Mill Road  
Hampden, Massachusetts

Dear Mrs. Chaffin:

Reference is made to the failure and subsequent repair of the dike on your property adjacent to Mill Road in Hampden and to our communication of June 14, 1967 in connection therewith. To date, we have heard nothing from you and call your attention to our request contained in the June 14th letter, that you kindly inform our Board as to what action you plan to take relative to repairing the breach in the dike in an approved manner.

We are also wondering whether or not you plan to continue the diversion of Scantic River water through the connecting ditch to the pond behind the dike and thence via the canal to the body of water formed by the dam located across Mill Road and westerly of the dike.

If you wish, we will be pleased to have the County Hydraulic Engineer discuss this matter with you.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# ***TIGHE & BOND*** CONSULTING ENGINEERS

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BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
October 24, 1967

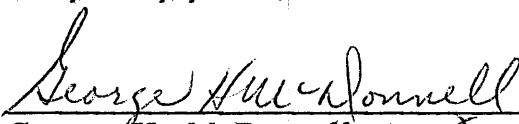
The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

The undersigned has received the copy of the communication written to your Board by Maurice M. Chaffin regarding the problem at the dike in Hampden on property of Mrs. Gertrude B. Chaffin. As now scheduled, I will be talking with Mr. Maurice Chaffin this evening and will set up a conference with him to discuss the matter. I will review the various problems and situations outlined in the letter of October 5 from Mr. Chaffin.

Following my meeting and discussion of this problem, I will report to your Honorable Board.

Very truly yours,



George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

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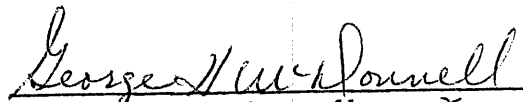
CD Hampden  
October 31, 1967

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Enclosed please find a copy of a communication sent to Mr. Chaffin of East Longmeadow relative to the problem of the dike and related facilities on property of Mrs. Chaffin in Hampden. The contents of the letter are self-explanatory. In my last conversation with Mr. Chaffin, I suggested that he review the sketch that I would prepare outlining the problem and then we would confer on the matter again.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

Enclosure



CD Hampden  
October 24, 1967

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

The undersigned has received the copy of the communication written to your Board by Maurice M. Chaffin regarding the problem at the dike in Hampden on property of Mrs. Gertrude B. Chaffin. As now scheduled, I will be talking with Mr. Maurice Chaffin this evening and will set up a conference with him to discuss the matter. I will review the various problems and situations outlined in the letter of October 5 from Mr. Chaffin.

Following my meeting and discussion of this problem, I will report to your Honorable Board.

Very truly yours,

---

George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

Board of County Commissioners  
County of Hampden  
Commonwealth of Massachusetts  
52 State Street  
Springfield, Massachusetts

October 5, 1967

Gentlemen:

This will acknowledge your letters of June 14th and August 30th addressed to my Mother, Mrs. Gertrude B. Chaffin of 150 Mill Road, Hampden, Massachusetts. Since my Mother is quite elderly and incapable of discussing the matter at hand, I am replying and ask that further communications be directed to me at 123 Pleasant Street, East Longmeadow, Massachusetts.

I assume that the members of the Board will go by the recommendations of the County Hydraulic Engineer on this matter so I guess the first step is to have this Engineer contact me so that we can set a time to meet at the site of the pond and start preliminary discussions.


My mother's eyesight is not too good so she very seldom goes any distance from the house unless my wife or myself takes her out in the car. Consequently, she cannot keep watch over this considerable expanse of property. Many times, "no trespassing" signs have been placed at strategic spots on the property but they do not seem to do any good.

I am sure everyone will recognize that this failure of the dike was the result of a heavy downpour of rain over a period of successive days. However, what the Commissioners may not realize is that the bank has been worn down by fishermen congregating at this point and fishing on this private property when they had no right to do so. In addition, the length of the canal from the pond at the dike to the main pond near my Mother's home has been filled with branches, boards and stones over a period of time and apparently has become a "playground" for the children of the area. This foreign matter plus dirt pushed into the canal from both sides of the bank has resulted in serious clogging and interference with the normal flow of water which, no doubt, contributed to this break in the dike this summer.

I will be interested to hear from the County Hydraulic Engineer what "special" type of construction would be suggested at the point where the break occurred. I would also be interested to hear from the proper authorities as to what can be done to prevent this from happening again in the near future. The repair work that was done was apparently done by the town of Hampden. Neither my Mother nor myself was advised at the time of this break. Until it was all over, we knew nothing about the leakage or the repair work. We have no way of knowing whether the material used was the proper type or not. Neither do we know how much it was compacted. We assumed the work was done properly; it certainly should have been repaired in such a fashion that it would not have to be ripped out and done over again.

I shall await further word from the County Hydraulic Engineer.

Sincerely,

  
Maurice M. Chaffin

CD Hampden  
October 31, 1967

Mr. Maurice Chaffin  
123 Pleasant Street  
East Longmeadow, Massachusetts

Dear Mr. Chaffin:

In accordance with my recent telephone conference with you pertaining to property of your mother in Hampden, I am sending attached hereto, a general location plan showing the ditch from Scantic River to the pond at the dike, the dike itself, the canal and finally the dam with side spillway at the westerly end of the canal.

The quantity of water flowing into the pond behind the dike is variable depending on the flow in Scantic River and the presence or absence of obstacles and debris in the ditch leading from Scantic River to the pond at the dike.

Just northeast of the dike, you will note a culvert under Mill Road. If you follow the ditch northeasterly from Mill Road you will find that the ditch merges with the bed of Scantic River at Point A on the drawing. A field examination of this condition will reveal to you how the flow of water in Scantic River can take one of two routes as the river passes Point A. In general, the majority of the river flow stays in the bed of the river. However, the amount of flow that will be diverted by the ditch to the pond behind the dike increases substantially when the water level of Scantic River rises because of heavy runoff conditions.

The only exit for water entering the pond behind the dike is the canal extending westerly to the pond at the dam. Should this canal become blocked with debris so that its discharge capacity is reduced, the water held back by the dike can increase in level depending upon Scantic River flow since there is no control device to prevent high rates of river flow from entering the ditch at Point A.

Water diverted from Scantic River at Point A eventually returns to Scantic River at Point B southwesterly of the dam and pond. As long as conditions at the site of your mother's property remain as they exist today, you will be faced with the problem of having excess Scantic River flow pass through your property via the ditch, thence through the pond behind the dike, thence through the canal and finally back to Scantic River by the overflow facilities at the dam and pond.

If it is necessary that the hydraulics of the system remain as they exist today and free flow from Scantic River be allowed to enter the ditch, it is my opinion that the canal should be properly maintained and kept free of all debris. If there is no practical value to diverting Scantic River water through your facilities, and I can see none from my examination of the property in the field, it might be advisable to fill in the ditch preferably in the vicinity of Point A so that Scantic River water will not be diverted to your mother's property. The ditch could be filled in with a relatively small quantity of compacted earth. If you own the property through which the ditch has been dug, most of the work could probably be done by means of a bulldozer pushing in fill from the banks on each side of the ditch. Any fill so placed should be placed on ground that has been stripped of vegetation and the fill should be placed in horizontal layers and compacted. The fill should be brought up to a height above the anticipated maximum level of Scantic River flow so that under all conditions of runoff, there would be no diversion of Scantic River water to the property of your mother. The thickness of the earth plug or barrier to be placed in the ditch would depend upon the character of the soil.

If you still wished to have some river flow into the facilities on property of your mother, you could install a small pipe on the bed or bottom of the ditch at the location where the earth plug would be placed. This pipe would then restrict the amount of river flow which would pass to property of your mother. The size of the pipe to be used would depend upon the amount of water you desired to divert from Scantic River.

After you have had an opportunity to review my comments herein and the location plan appended hereto, I will be pleased to discuss the matter with you further.

Very truly yours,

---

George H. McDonnell  
County Hydraulic Engineer

GHM/mbf

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# **TIGHE & BOND** CONSULTING ENGINEERS

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
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BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
March 20, 1968

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Re: Chaffin Dam and Dike  
Hampden, Mass.

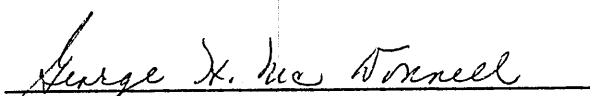
Gentlemen:

Enclosed for your file and record purposes please find a copy of a communication sent to Mr. Maurice Chaffin of East Longmeadow, Mass. relative to property of his mother in Hampden. The contents of the letter are self-explanatory.

An inspection tour of certain areas of the Scantic River Valley in Hampden following the heavy rainfall of Sunday, March 17th and Monday, March 18th revealed the fact that the Chaffin Dike paralleling Mill Road was overtopped during the peak of the flood flow runoff. As you may recall, in 1967 the dike was breached and a portion of Mill Road flooded though no damage of any consequence occurred.

Mr. Maurice Chaffin is handling the matter for his mother and I previously requested him to give consideration to plugging the diversion ditch leading from Scantic River so that flood flows would not be directed into the pond behind the dike. Nothing has been done in connection with this suggestion and it is my opinion that Mr. Chaffin or his mother, owner of the property, must face up to the fact that the facilities must either be abandoned in a safe manner or be improved and properly maintained if possible flooding of Mill Road is to be prevented in time of flood conditions in the Scantic River.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd  
Encl.

Mr. George H. McDonnell  
c/o Tighe and Bond  
Bowers and Pequot Streets  
Holyoke, Massachusetts

April 17, 1968

Dear Mr. McDonnell -

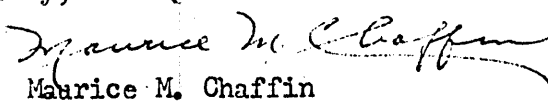
Before any more time has slipped by, I feel I should acknowledge your letter of March 19th relative to the Dam, Dike and Canal on my mother's property in Hampden.

You may remember from our discussions last year that Mrs. Chaffin goes out to Ohio to visit her daughter every Fall and does not return here until the month of May. She has not yet returned.

As soon as she does come back, I am to discuss this matter and come to a decision as to what to do. I took a look at the road damage this Spring and, although it was slight, I believe you realize that many people had "flood" damage for the first time this year due to the unusual circumstances where snow was melting, a heavy rain was falling and the ground was thawing - all at the same time.

I shall be in touch with you shortly after my Mother returns.

Sincerely,

  
Maurice M. Chaffin

123 Pleasant St.  
East Longmeadow, Mass.

April 22, 1968

Mr. Maurice M. Chaffin  
123 Pleasant Street  
East Longmeadow, Massachusetts

Dear Sir:

Thank you for your letter of April 17, 1968. I will be pleased to review the problems at the Dam, Dike and Canal owned by your mother, in the field at your convenience, after Mrs. Chaffin returns from Ohio if such a conference is desirable on your part.

I realize that many people had high water problems this past spring because of heavy precipitation and unusual run-off circumstances. However, in the case of the Dam, Dike and Canal, the facilities should be maintained and provisions made to control the amount of diversion from the river. An alternative would be to block the diversion canal in its upper end and prevent any river diversion.

Please let me know what action will be taken following a review of this matter with your mother.

Very truly yours,

---

George H. McDonnell  
County Hydraulic Engineer

GHM/amd

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

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BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
July 2, 1968

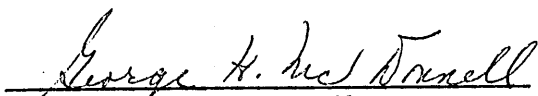
The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Re: Chaffin Dam, Dike & Canal  
Hampden

Enclosed for your files, please find a copy of a communication sent to Maurice M. Chaffin at his home in East Longmeadow, Mass. relative to property of his mother in Hampden. The contents of the letter are self-explanatory. I will keep your Board informed of any progress made in connection with control of this diversion of river water into the canal and behind the dam and dike of Mrs. Chaffin.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd  
Encl.



GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

*TIGHE  
& BOND*

*CONSULTING ENGINEERS*

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HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
July 2, 1968

Mr. Maurice M. Chaffin  
123 Pleasant Street  
East Longmeadow, Massachusetts

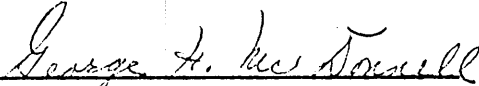
Dear Mr. Chaffin:

On April 17th of this year, you wrote to me relative to the matter of the dam, dike and canal on your mother's property in Hampden. At that time, Mrs. Chaffin was in Ohio. She was to return in May and after you discussed the matter with her, you planned to get in touch with me.

To date I have heard nothing from you, and in order that I may report to the County Commissioner's on action you intend to take, will you kindly call or write me at your earliest convenience.

If you are of the opinion that a conference in the field at the site of the dam, dike and canal in Hampden would be advisable, I would be pleased to meet with you there.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd

cc - Board of County Commissioners ✓

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

**TIGHE  
& BOND**

**CONSULTING ENGINEERS**

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BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
April 22, 1968

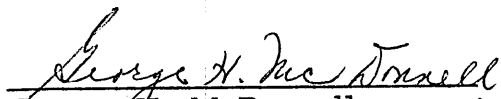
The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Re: Chaffin Dam and Dike  
Hampden

In regard to the above subject dam and dike, I am sending to you for your files and records, a photocopy of a communication sent to me by Mr. Maurice Chaffin and a copy of my letter to Mr. Chaffin. The contents are self-explanatory.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

ghm/amd  
Encl. (2)

GEORGE H. DONNELL  
PHILIP W. MERRIDAN  
EDWARD J. BAYON

**TIGHE  
& BOND**

**CONSULTING ENGINEERS**

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
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SUPERVISION OF CONSTRUCTION AND OPERATION

BOWERS AND PEOUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
March 17, 1969

Mr. Maurice M. Chaffin  
123 Pleasant Street  
East Longmeadow, Massachusetts

Dear Sir:

Reference is made to the dam, dike and diversion facilities on property of your mother in Hampden, and the fact that there now exists a heavy snow cover throughout Western Massachusetts. The water content of this snow cover, coupled with a warm spring rain could result in extremely heavy runoff conditions. Consequently, the Commissioners of Hampden County have directed that I advise you to be sure that the spillway facilities at your dam are clear of any obstruction and that you take all precautions necessary to protect your dam as well as persons and property downstream.

Special precautions should be taken to prevent excess stream flow from being diverted into the pond behind the dike located adjacent to the road extending from Hampden into East Longmeadow. In the past, we have advised that the ditch from the river be blocked to prevent major flows from entering the pond and overflowing onto the roadway.

It is advisable that you also lower the water level of the stored water through use of drawdown gates, and that this lowering be done at this time under controlled conditions so as not to drop the water level at too fast a rate wherein the embankment of the dam might be damaged or the rate of discharge could cause temporary flooding downstream.

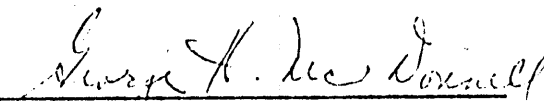
**McGHEE  
& BOND**

**CONSULTING ENGINEERS**

-2-

If you have any question in connection with this matter, the undersigned can be reached at the above address and telephone number.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd



Commonwealth of Massachusetts

# County of Hampden

Springfield, Mass.

Office of the  
County Commissioners  
52 State Street

William F. Stapleton  
Chairman

~~XXXXXXXXXX~~  
~~Ralph P. Walsh~~

Floyd W. Fradet

Stephen A. Moynahan

October 22, 1969

*Hampden Dam*

Mr. Maurice Chaffin  
123 Pleasant Street  
East Longmeadow, Massachusetts

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that the dam, dike and the canal system owned by your mother and located in Hampden adjacent to Mill Road have been inspected recently by our County Hydraulic Engineer and your attention is called to the following conditions noted and recommendations made by him.

## Dike

"This dike was noted to be inactive in that hardly any water was behind the dike. The canal leading from Scantic River to the storage pond behind the dike and the canal leading out of the storage pond to the main dam and pond were both dry. It appears as if the canal and dike have been inactive all year.

The dike is in poor condition in that surface erosion has caused gullying and damage to the embankment. Also, large trees growing from the embankment could endanger the structure if it is reactivated."

## Dam

"For all practical purposes there was no water ponded by the dam. A very small pond probably representing less than five per cent of the pond capacity was observed in the basin behind the dam. Since the major source of water for the pond at the main dam is the canal facility, and since this canal is and apparently has been dry for sometime, it is natural that the pond at the main dam would be nearly dry. The main dam has had little or no attention of maintenance. It is overgrown with brush."

### Canal

"The undersigned walked the length of the canal from Mill Road to the point of its connection with Scantic River to determine the reason why river water no longer flowed thru the canal. It was observed that the bottom of the canal, in the vicinity of the Scantic River, is at a higher elevation than the water level in the Scantic River. Consequently, all of the water of the river bypasses the canal and continues downstream in the valley of the river.

In time of flood flow conditions in Scantic River it is possible that the water surface could rise to an elevation whereby the canal would again be charged with water and flood waters could flow the entire length of the inlet canal to the pond behind the dike and then follow the outlet canal to the pond at the main dam. Should this happen, the dike and dam could again pond water to full elevation and thus the dam and dike must be maintained so as to properly function in such an emergency.

However, if the owner blocked the canal on the northerly side of Mill Road by dumping a few loads of impacted gravel or semi-impervious soil into the canal, and filled the canal to the elevation of natural ground on each side of the canal, any flood flow filling the canal would not be able to flow under and across Mill Road to reactivate the dike and the main dam. This method of blocking the canal would be quite inexpensive and easy to do. It would prevent the possibility of damage caused by breach of the dike or the main dam should river flood flow conditions occur. Also, if the owner ever wished to repair and to reactivate the canal, dike and dam system, it would simply be necessary to dig out the soil plug in the canal northerly of Mill Road.

In the opinion of the undersigned the dam and dike will not be safe until the canal is adequately plugged."

As recommended by the County Hydraulic Engineer, to be certain that flood water entering the canal, will be prevented from reaching the dike and dam, the feeder or supply canal extending from the Scantic River to the culvert under Mill Road should be plugged. It is not necessary to plug the length of the canal, simply place a dike of compacted earth across the canal for the full depth of the canal. The dike should probably be 5 to 6 ft. wide on the top and have sloping sides of about 2 to 1. The compacted earth plug should be placed in the dike before freezing weather.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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Commonwealth of Massachusetts

# County of Hampden

Springfield, Mass.

Office of the  
County Commissioners  
52 State Street

William F. Stapleton  
Chairman

~~Philip J. Mink~~  
Floyd W. Fradet

Stephen A. Moynahan

December 31, 1969

Mrs. Gertrude Chaffin  
150 Mill Road  
Hampden, Massachusetts

Dear Mrs. Chaffin:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that the dam, dike and the canal system owned by you and located in Hampden adjacent to Mill Road, have been inspected recently by our County Hydraulic Engineer and your attention is called to the following conditions noted and recommendations made by him.

"The owner has taken no steps whatsoever to adequately plug the canal leading from Scantic River to the area of the dike and dam adjacent to Mill Road. In your communication, Mr. Chaffin was advised that in order to be certain that flood water entering the canal will be prevented from reaching the dike and dam, the feeder or supply canal extending from the Scantic River to the culvert under Mill Road should be plugged. You further advised Mr. Chaffin that it was not necessary to plug the length of the canal but to simply place a dike of compacted earth across the canal for the full depth of the canal. Mr. Chaffin was advised to place the dike before freezing weather.

In view of the fact that Mr. Chaffin has not followed the recommendations contained in your letter of October 29, 1969, the undersigned suggests that he be sent a registered letter directing that the plug of earth be placed in the canal adjacent to the Mill



Road crossing of the canal at the entrance to the pond behind the dike and that the plug be placed no later than March 15, 1970.

A copy of the letter should also be sent to Mrs. Gertrude B. Chaffin of 150 Mill Road, Hampden, Mass."

At the request of your son, Mr. Maurice Chaffin of East Longmeadow, we have written to him in the past on this matter. We are again writing to him and include in our letter, a copy of the report from the County Hydraulic Engineer.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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File



Commonwealth of Massachusetts

# County of Hampden

Springfield, Mass.

Office of the  
County Commissioners  
52 State Street

William F. Stapleton  
Chairman

~~Robert B. Martin~~

Floyd W. Fradet

Stephen A. Moynahan

December 31, 1969

Mr. Maurice Chaffin  
123 Pleasant Street  
East Longmeadow, Massachusetts

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that the dam, dike and the canal system owned by your mother and located in Hampden adjacent to Mill Road, have been inspected recently by our County Hydraulic Engineer and your attention is called to the following conditions noted and recommendations made by him.

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Road crossing of the canal at the entrance to the pond behind the dike and that the plug be placed no later than March 15, 1970.

A copy of the letter should also be sent to Mrs. Gertrude B. Chaffin of 150 Mill Road, Hampden, Mass."

The County Commissioners concur in the recommendation of the County Hydraulic Engineer. Our records show that you have been advised of the need for corrective work in connection with the dam, dike and canal. In spite of the many communications sent to you and your mother regarding this matter, nothing has been done to date to adequately protect the Mill Road area from flooding should the dike break when river water might be flowing in the canal.

If there is another means by which you feel proper protection can be afforded to the Mill Road area, we would be pleased to receive your suggestion. In any event, action must be taken to prevent ponded water from behind the dike paralleling Mill Road from washing onto Mill Road. Plugging of the canal will reduce the quantity of water which can flow into the pond behind the dike.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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Commonwealth of Massachusetts

# Hampden County

Springfield, Mass.

Office of the  
County Commissioners  
52 State Street

William F. Stapleton  
Chairman

~~Robert R. Mink~~

Floyd M. Fradet

Stephen A. Moynahan

December 31, 1969

Mr. Maurice Chaffin  
123 Pleasant Street  
East Longmeadow, Massachusetts

Dear Sir:

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A copy of the letter should also be sent to Mrs. Gertrude B. Chaffin of 150 Mill Road, Hampden, Mass."

The County Commissioners concur in the recommendation of the County Hydraulic Engineer. Our records show that you have been advised of the need for corrective work in connection with the dam, dike and canal. In spite of the many communications sent to you and your mother regarding this matter, nothing has been done to date to adequately protect the Mill Road area from flooding should the dike break when river water might be flowing in the canal.

If there is another means by which you feel proper protection can be afforded to the Mill Road area, we would be pleased to receive your suggestion. In any event, action must be taken to prevent ponded water from behind the dike paralleling Mill Road from washing onto Mill Road. Plugging of the canal will reduce the quantity of water which can flow into the pond behind the dike.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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William F. Stapleton, Chmn.  
Hampden County Commissioners  
52 State Street  
Springfield, Mass.

March 4, 1970

Dear Mr. Stapleton -

This will acknowledge your most recent letter which is one of several sent my mother relative to the property which she owns in Hampden, Mass. I believe you understand that this problem will have to be resolved through me as my mother is quite elderly and simply cannot comprehend what the problem is or why she should have to go to any expense to correct it.

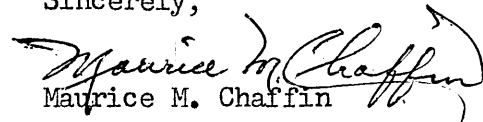
I appreciate the detailed letters sent me to explain the situation involving the "flood water" from the Scantic River flowing into the two ponds with the possibility of damage to Mill Road. However, I am not an engineer and I am afraid that I do not entirely understand the degree of my mother's responsibility to correct a situation that is no fault of hers.

I would suggest a meeting at the site in Hampden when we can inspect the dike paralleling Mill Rd. and the canal leading from the big pond. I believe my mother's major concern is that the small pond near her home shall remain filled. No doubt a meeting with Mr. George McDonnell, the County Hydraulic Engineer will enable him to explain to me just what is proposed.

I appreciate that this work should be done in the next week or two - now that the ground is thawed to some extent and before the Spring rains come our way. Will you kindly have Mr. McDonnell get in touch with me. He can telephone me most any evening at dinner time or in the morning between 8:00 - 9:00 A.M.

123 Pleasant St. E. Long.  
Tel. 525 - 2747

Sincerely,

  
Maurice M. Chaffin

✓  
xxxxxxx

Chairman

March 6, 1970

Mr. George H. McDonnell  
County Hydraulic Engineer  
Tighe & Bond  
Holyoke, Massachusetts 01040

Dear Mr. McDonnell:

Enclosed find copy of a letter received  
from Maurice M. Chaffin, relative to a dam  
located on property owned by his mother in  
Hampden, Mass. This letter is self-explanatory.

Very truly yours,

HAMPDEN COUNTY COMMISSIONERS

By \_\_\_\_\_  
County Counsel.

WJF:F

Enc.

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

**TIGHE  
& BOND** CONSULTING ENGINEERS

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
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SUPERVISION OF CONSTRUCTION AND OPERATION

BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
March 19, 1970

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

On Wednesday afternoon, March 18th, the undersigned met with Mr. Maurice Chaffin at the site of his mother's property in Hampden to review in the field the recommendations made regarding protective work to be done in the diversion canal leading from Scantic River.

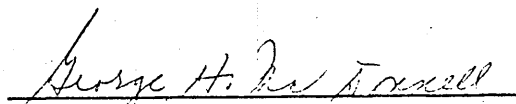
Mr. Chaffin has agreed to have the dike plug installed in the canal and will proceed with this construction immediately.

Mr. Chaffin has agreed to have the contractor who will provide and place the small gravel dike contact the undersigned in order that I may give the contractor the instructions necessary for the proper placing, shaping and compacting the dike fill.

The undersigned was able to show Mr. Chaffin the actual flow of diverted river water from the Scantic River into the pond formed by the dike and the dam since water level in the Scantic River is now high enough to cause automatic diversion thru the canal system.

I have made a note in the file and on my calendar, to check with Mr. Chaffin early in April if I do not hear from his contractor.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd



CD Hampden  
June 5, 1970

Edward N. Christianson, Inc.  
P.O. Box 454  
East Longmeadow, Mass.

Attn: Arthur A. Christianson, President

Re: Canal on Chaffin Property  
Hampden

Gentlemen:

This will confirm our discussion in a telephone conference on Thursday evening, June 4th, regarding work which your company will do in plugging the canal from the Scantic River on the property of Chaffin in Hampden.

It is my understanding that Mr. Maurice Chaffin has reviewed the necessary earth dike to be installed in the canal and that you will undertake this work shortly.

Will you kindly notify me when the work will be done, if you have it scheduled in your operating program. If the work has been accomplished by the time you receive this communication, please call my office and let me know so that I may make an inspection of the completed work.

The plug of earth should be compacted to prevent Scantic River water from entering the pond located south of Mill Road. Thus, the plug of earth in the canal should be placed northerly of Mill Road and should be of sufficient height and compacted enough to prevent diverted Scantic River water from flowing under and across to the south side of Mill Road.

A small pipe through the dike is acceptable to provide for the transfer of limited quantities of water through the earth plug.

If you have any question, please call or write the undersigned.

Very truly yours,

---

George H. McDonnell  
County Hydraulic Engineer

GHM/amd  
cc - County Commissioners ✓

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# ***TIGHE & BOND*** CONSULTING ENGINEERS

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BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
March 13, 1970

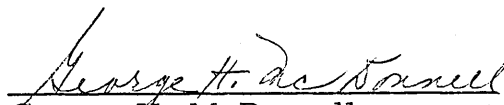
The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Re: Chaffin Dam and Dike

Attached is a copy of my communication to Mr. Maurice Chaffin confirming my telephone conversation with him and the setting of a day and time for an inspection of the dam, dike and canal owned by his mother. This is all in relation to the letter from Mr. Chaffin to your Board dated March 4, 1970 and your communication to me of March 6, 1970.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd  
Encl.

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

**TIGHE  
& BOND**

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TEL. JEFFERSON 3-3991

CD Hampden  
March 13, 1970

Mr. Maurice M. Chaffin  
123 Pleasant Street  
East Longmeadow, Mass.

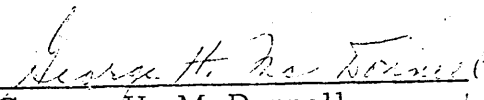
Dear Mr. Chaffin:

This will confirm my telephone conversation with you regarding a meeting at Hampden for the purpose of inspecting property of your mother along Mill Road related to the pond, dam and canal.

I will be at the site on Wednesday, March 18th at 2:00 p.m. If for some reason this appointed day and time becomes inconvenient for you, please let me know and I will arrange for a rescheduling of our inspection.

Unless I hear differently from you, I will meet you at 2:00 p.m. on Wednesday, March 18th.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd  
cc - County Commissioners ✓

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

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& BOND** CONSULTING ENGINEERS

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HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
March 19, 1970

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

On Wednesday afternoon, March 18th, the undersigned met with Mr. Maurice Chaffin at the site of his mother's property in Hampden to review in the field the recommendations made regarding protective work to be done in the diversion canal leading from Scantic River.

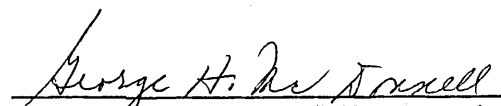
Mr. Chaffin has agreed to have the dike plug installed in the canal and will proceed with this construction immediately.

Mr. Chaffin has agreed to have the contractor who will provide and place the small gravel dike contact the undersigned in order that I may give the contractor the instructions necessary for the proper placing, shaping and compacting the dike fill.

The undersigned was able to show Mr. Chaffin the actual flow of diverted river water from the Scantic River into the pond formed by the dike and the dam since water level in the Scantic River is now high enough to cause automatic diversion thru the canal system.

I have made a note in the file and on my calendar, to check with Mr. Chaffin early in April if I do not hear from his contractor.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

**TIGHE  
& BOND**

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BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
March 19, 1970

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

On Wednesday afternoon, March 18th, the undersigned met with Mr. Maurice Chaffin at the site of his mother's property in Hampden to review in the field the recommendations made regarding protective work to be done in the diversion canal leading from Scantic River.

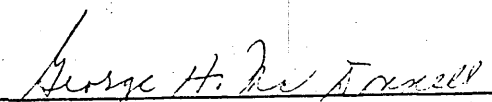
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I have made a note in the file and on my calendar, to check with Mr. Chaffin early in April if I do not hear from his contractor.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# ***TIGHE & BOND***

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CD Hampden  
June 5, 1970

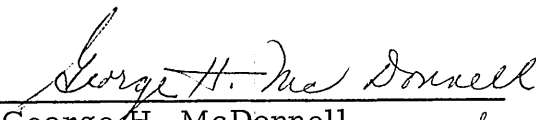
The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Re: Chaffin Dike & Dam, Hampden

Reference is made to my letter of March 19, 1970 on the above subject dike and dam. As yet, the recommended plug has not been installed in the canal from Scantic River. However, the contractor hired to do the work by Mr. Chaffin was contacted by the undersigned on Thursday, June 4th, and a copy of the letter relative to my telephone conference is attached for your file purposes. The contents are self-explanatory.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd  
Encl.

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# **TIGHE & BOND**

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BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
June 23, 1970

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

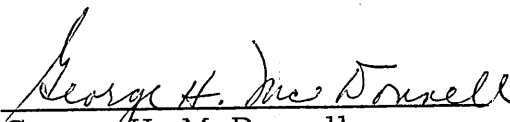
Gentlemen:

Re: Chaffin Dike & Dam, Hampden

Attached hereto, please find a copy of a letter sent to the contractor hired by Mr. Chaffin to plug the dike at Hampden. The contents of the letter are self-explanatory.

I am not particularly concerned as to the safety of the dam during the summer months, but I do feel that the canal should be plugged prior to the coming of the fall hurricane rain season. Thus, I am pressing the contractor to complete his work.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd  
Encl.



GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

**TIGHE  
& BOND**

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HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
June 23, 1970

Edward N. Christianson, Inc.  
P. O. Box 454  
East Longmeadow, Massachusetts

Attn: Arthur A. Christianson, President

Gentlemen:

Re: Chaffin Canal, Hampden

Reference is made to my letter to you of June 5, 1970 on the above subject canal on property of Chaffin in Hampden.

In the third paragraph of my letter, I requested that you notify me when the work of plugging the canal will be done, and also pointed out that if the work had been accomplished by the time you received my letter of June 5th, you should call my office and let me know so that I could schedule an inspection of the completed work.

Since I have not heard from you, and since two weeks have passed, I made an inspection of the site and noted that nothing has been done, nor is there any evidence adjacent to the public roadway that equipment has come to the river end of the canal to place the dike plug.

The County Commissioners have directed the owner of the property to install the plug in the canal and, the work was to have been completed no later than March 15, 1970. The work is now three months overdue. It should be delayed no longer.

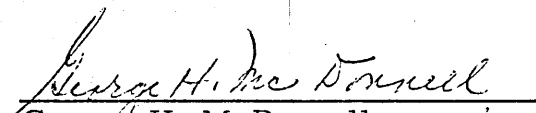
In the opinion of the undersigned, the work could be accomplished by very few men in about an hour once the required gravel and the corrugated pipe are at the site.

**TIGHE  
& BOND CONSULTING ENGINEERS**

-2-

Since our records indicate that you acknowledge having been hired for the work, I am writing to you requesting that the work be expedited. Unless I hear to the contrary, I will assume that the work will be complete, in place and the canal plugged by Monday, July 6th.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# **TIGHE & BOND**

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TEL. JEFFERSON 3-3991

CD Hampden  
July 15, 1970

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

Re: Chaffin Dike, Dam & Canal  
Hampden

During the past two years, the undersigned has been in contact with Mr. Maurice M. Chaffin, son of Gertrude B. Chaffin, regarding the previous failure of the dike at the pond just off of Mill Road in Hampden.

On June 14, 1967, a letter was directed to Mrs. Chaffin regarding the dike failure and in the fourth paragraph of the letter, the following was stated:

"On the assumption that you are the owner of all of the related facilities and water rights, it is suggested that you give consideration to a thorough improvement and maintenance program regarding the ditch, the dike, the canal, the dam and spillway, or plan on a suitable method of preventing high rates of flow of Scantic River water into the diversion facilities."

Mr. Maurice Chaffin answered the letter in a communication to your Board dated October 5, 1967. From that time on, I have dealt with Mr. Maurice Chaffin, have directed various communications to him, and earlier this year, he agreed to take the necessary steps to prevent high rates of flow of Scantic River water into the diversion facilities.

I am attaching hereto, a strip photocopy of a plan showing the area of Mill Road where the hydraulic facilities are located.

The dike which prevents the pond from flowing out onto Mill Road is shown in blue. The canal feeding the pond behind the dike is shown at the lower left and extends from Scantic River under and across Mill Road to the pond.

The outlet canal which extends parallel to Mill Road and to the smaller pond at the right of the drawing crosses under Mill Road and conveys the diverted water to the Chaffin Pond from where it overflows back to Scantic River.

Rather than clean the outlet canal from the main pond to the smaller pond and, rather than strengthen and improve the dike, Mr. Chaffin agreed to block the canal from Scantic River with a plug of earth as shown in green on the attached drawing.

Immediately upon placement of the plug of earth, complaints were registered with the Selectmen of Hampden by some property owners along Scantic River and by Mr. Labodycz. Mr. Labodycz claimed ownership of the land where the canal is located and objected strongly to the placing of a plug of earth in a canal on his property.

I was advised that the Labodycz land had been surveyed and a plan of the Labodycz property had been made two years ago. I contacted the civil engineer who did the work, and from his drawing of the Labodycz property, the enclosed photo strip was prepared.

There is no question but what the owner of the canal feeding the pond, the pond dike and the canal from the pond to the second crossing under Mill Road is Labodycz. In fact, land actually owned by Chaffin is at the small pond and is shown in red at the right of the drawing.

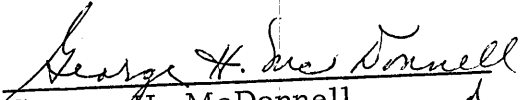
I am writing to Mr. Chaffin to determine whether or not he has a copy of the rights that his mother acquired when the old mill property and hydraulic facilities were purchased. It is possible that though Mrs. Chaffin does not actually own most of the canal system, the large pond and the dike, she does have water rights and does control the manner in which the canal is operated.

The information contained herein is sent to your Board so that you will have first-hand information regarding the matter in case questions may be raised on the placing of the earth plug.

**TIGHE**  
**& BOND** CONSULTING ENGINEERS

I will inform your Board of any information obtained from Mr. Chaffin regarding water rights held by Chaffin on property of Labodycz.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd  
Encl.

Rockwell Dam



1926 Hampden

Located on Scantic Brook

City/Town	Hampden
Dam	Rockwell Dam
Name	Rockwell, Charles K
Name	Rockwell, Vera W
Water	Scantic Brook

Page 27 of Report

Mrs. C. K. Rockwell,  
Hampden, Mass.

(Belrose Lane,  
Radnor, Philadelphia  
Penn.)

you are notified that your dam,  
located on Seautin Brook so called in the Town  
of Hampden, etc,

"At or through the bulkhead, at  
the west end of the structure, there is  
some leakage and this, it is recommended,  
should be repaired."

Now, therefore, etc.

March 10, 1926

Mrs. C. K. Rockwell,  
Hampden, Mass.

Dear Madame:

In accordance with the provisions of Section 45 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923 and as further amended by Chapter 178 of the Acts of 1924 relative to the inspection, condition and safety of the dams of Hampden County, you are notified that your dam, located on Scantic Brook so-called in the Town of Hampden, has been inspected by our engineer and your attention is called to the following recommendations made by him;

"At or through the bulkhead, at the west end of the structure, there is some leakage and this, it is recommended, should be repaired."

Now, therefore, in accordance with Section 46 of said Chapter 253, it is ordered that the above recommendations be complied with in a reasonable time.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman

\_\_\_\_\_  
\_\_\_\_\_



November 17, 1926

Mrs. C. K. Rockwell,  
Hampden, Mass.

Dear Madam:

Inasmuch as your dam was inspected quite recently by our Engineer who found that no repairs had been made thereon, your attention is called to the notice sent to you on March 10, 1926 of which a copy is herewith enclosed.

In case you would like further information regarding the repairs required than that contained in notice, should you communicate or call upon our Engineer, James L. Tighe of the firm of Tighe & Bond, 189 High St., Holyoke, Mass., he will be glad to advise you.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman

C/N  
Enc.

October 4, 1950

Mrs. C. K. Rockwell  
Scantie Road  
Hampden, Massachusetts

Dear Madam:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam located in Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him:

" There is leakage through and under the drawoff gate structure, along the outside of the draw-off pipe, and through the rocks at the base of the dam on the northerly end. These leaks should be investigated and repaired."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MRS. CHARLES K. ROCKWELL  
PAOLI, PENNSYLVANIA

November 16<sup>th</sup>  
1958

Office of The County Commissioners,  
37 Elm Street  
Springfield  
Mass.

Dear Sirs:- I leave your  
letter of November 12<sup>th</sup> about the dam  
on my property in Hampden located  
on the Scauthic River & I should like  
to have a little further information  
about your recommendations.

By the right abutment wall I  
suppose you mean the wall nearest  
the gate & that leakage, that you mention,  
has been going on for a good many  
years without any apparent damage  
to the dam according to your inspectors.

About the tall oak tree growing  
from the left abutment I am a little  
confused, as - in the first place - there  
are no oak trees near the dam & the  
only tree I know of near the "stone  
masonry wall" that in any way meets  
your description of a tall tree is an  
elm, that has been there also for  
a great many years and has never

been mentioned by your inspectors.  
I am planning to have some of the  
dead flood damaged trees below  
the dam cut down this winter &  
while the man is there with his  
chain saw I can have the tree you  
mention taken out if you will tell  
me just which one it is.

My care taken. Elbr. Roy Asher is  
on the place - telephone Johnson 6-8632  
so you can call him & give him the  
information about the tree or write  
me a little more specifically & I  
will tell him to have it removed.

Yours truly

(Elbr. C. R.) Rex W. Rockwell

copy of this letter mailed to George H.  
McDonnell, County Hydraulic Engineer, on  
November 19, 1958.

Nov. 12, 1958

Mr. V. Rockwell  
Rockadundee Road  
Hampden, Mass.

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition, and safety of the dams of Hampden County, you are hereby advised that your dam located on Scantic River on your property in Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"This dam was found to be in good condition. There is some leakage thru the base of the right abutment wall. However, no fines are noted in the leakage and the ground at the abutment wall seems solid and is not spongy. This leakage is not dangerous and will be checked in the future for any change.

A tall oak tree growing from the left abutment should be cut down and the root system killed before the tree and its roots do damage to the stone masonry wall."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

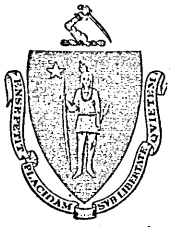
Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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Commonwealth of Massachusetts

# County of Hampden

Springfield, Mass.

Office of the  
County Commissioners  
52 State Street

William F. Stapleton  
Chairman

~~Ralph W. Walsh~~

Floyd W. Fradet  
Stephen A. Moynahan

October 22, 1969

Mrs. Gera W. Rockwell  
Rocky Dundy Road  
Hampden, Massachusetts

Dear Mrs. Rockwell:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam located on Scantic River in Monson has been inspected recently by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"This stone masonry dam was noted to be in satisfactory condition. The small flashboard and the old screen and pipe railing were present on the crest. The screen is quite dilapidated. On the day of inspection water level was passing over the flashboard.

There is a small leak at the base of the right abutment stone masonry directly in front of the dam. No soil is being washed out with the leak and no settlement was observed on the surface of the ground back of the abutment wall.

There is some erosion of the right abutment masonry at the right end of the dam crest. This condition is not dangerous at present but it should be repaired before the erosion extends further into the masonry. The left abutment and gate structure are in fair condition. Surface erosion of the concrete is quite extensive but is not deep enough to be of any serious concern.

The corner of the masonry in front of the gate structure on the right side is undercut and repairs should be made.

Some seepage and leakage still occurs at the left abutment but it is not serious. The gate leaks a bit but not very much.

In the opinion of the undersigned, the dam is safe. It might be well to advise the owner of the minor masonry repairs that should be made to prevent further extension of the erosion and to prevent the necessity of more serious and expensive repairs at a later date."

The report of the County Hydraulic Engineer is sent to you so that you may be informed of recommended maintenance particularly relating to the masonry at the right abutment and at the draw-down gate structure. Though the repair work is not necessary for the safety of the dam, repairs made at an early date could prevent the need for more extensive and possibly expensive repairs in the future.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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Downs Dam



1945 Hampden

Located easterly of Wilbraham Road on the South Branch of the Mill River.

City/Town	Hampden
Dam	Downs Dam
Name	Downs, Thomas F
Streets	Wilbraham Road
Water	Mill River



October 3, 1945

Mr. Thomas F. Downs  
31 Hillside Avenue  
Springfield, Mass.

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your lower dam located on a tributary of the South Branch of Mill River in the town of Hampden has been inspected by our engineer and your attention is called to the following conditions noted and recommendations made by him;

"The overflow channel of this structure is not in good condition and needs repairs."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_ Chairman

\_\_\_\_\_

\_\_\_\_\_

December 31, 1952

T.F. Downs  
24 Wendover Road  
Longmeadow, Mass.

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your two dams in Hampden located easterly of Wilbraham Road have been inspected by our Engineer, and your attention is called to the following conditions noted and recommendations made by him:

"The wall of the upper dam is disintegrating and will probably soon fall over. Since the pond behind the wall is all silted and only a very small quantity of water is stored, the collapse of the wall would not be dangerous to persons and property downstream from a hydraulic point-of-view. However, it is felt that the owner should be made aware of the poor condition of his masonry wall dam."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman  
\_\_\_\_\_  
\_\_\_\_\_

*Downs Dams  
Hampden*

Driscoll Dam



1933 Hampden

Located on tributary of Scantic Brook.

City/Town	Hampden
Dam	Driscoll Dam
Name	Driscoll, C.F
Name	Driscoll, Margaret
Water	Scantic Brook

April 26, 1933

Mrs. Margaret Driscoll,  
R. F. D. No. 2.  
Ludlow, Mass.

Dear Madam:

In accordance with the provisions of Section 45 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923 and as further amended by Chapter 178 of the Acts of 1924 relative to the inspection, condition and safety of the dams of Hampden County, you are notified that your dam, located on a tributary of Scentic Brook in the Town of Hampden, has been inspected by our engineer and your attention is called to the following condition noted and recommendation made by him;

"At the east end of the dam, a small portion of the embankment has washed away. This washout is not material, but nevertheless it should be repaired."

Now, therefore, in accordance with Section 46 of said Chapter 253, it is ordered that the above recommendation be complied with in a reasonable length of time.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman.

\_\_\_\_\_  
\_\_\_\_\_

Labonte Dam



1945 Hampden

Located on Scantic River.

City/Town	Hampden
Dam	Labonte Dam
Name	Black, Walter
Water	Scantic River

October 3, 1945

Mr. E. Labonte  
5 Willard Avenue  
Thompsonville, Conn.

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam on Scantic River in the town of Hampden has been inspected by our engineer and your attention is called to the following conditions noted and recommendations made by him;

"There is some leakages in this stone masonry structure between its center and west end at points some 5 or 6 feet below its crest which need repairing."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman

\_\_\_\_\_  
\_\_\_\_\_

CD Hampden  
March 19, 1968

Mr. Maurice Chaffin  
123 Pleasant Street  
East Longmeadow, Massachusetts

Re: Chaffin Dam, Dike and Canal  
Hampden, Mass.

Dear Mr. Chaffin:

Reference is made to my communication written to you on October 31, 1967 relative to the above subject hydraulic facilities in Hampden. With my letter of October 31, 1967, I sent a drawing showing how water from Scantic River is diverted in a ditch under Mill Road to the pond situated southerly of Mill Road. Water introduced into the pond is then drained away through a canal which crosses under Mill Road and discharges into the pond behind the main dam.

In my previous communication I suggested that if there is no practical value to continue the diversion of Scantic River water through your facilities, it might be advisable to fill in a portion of the ditch, preferably near the Scantic River so that river flow will not be diverted onto your mother's property at the dike and pond location.

I also pointed out that if it is necessary that the hydraulics of the system remain as they exist today and free flow from Scantic River is to enter the ditch and be conveyed to the pond behind the dike, the entire facility should be properly maintained and be kept free of all debris.

Following the rain storm of Sunday, March 17th and Monday, March 18th, the undersigned made an inspection of the dike and pond located on your mother's property just south of Mill Road. It was noted that during the peak of the storm runoff, the water level in the dike had raised to a point where the westerly end of the dike had been overtopped and ponded water was being discharged into the southerly

gutter along Mill Road.

In my opinion, a decision should be made in the very near future as to whether or not the ditch from Scantic River is to be plugged or the entire facilities are to be improved so that the dike will not be over-topped. I assume that you have given this matter consideration as a result of my communication of October 31, 1967. Will you please notify me or the County Commissioners directly of the course of action planned in connection with either the abandonment of the hydraulic facilities discussed herein or their improvement to a point whereby they can function safely during flood flow conditions.

Very truly yours,

---

George H. McDonnell  
County Hydraulic Engineer

GHM/amd



GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# ***TIGHE & BOND***

*CONSULTING ENGINEERS*

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
INVESTIGATIONS, REPORTS, PLANS AND SPECIFICATIONS  
SUPERVISION OF CONSTRUCTION AND OPERATION

BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
March 20, 1968

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

On Thursday evening, March 14, 1968, the undersigned met with various officials of the Town of Hampden, at their request, regarding the old dam across Scantic River, formerly known as the LaBonte Dam, to provide information relative to County requirements in connection with any alteration to this old abandoned dam.

The dam is located a short distance downstream from the center of Hampden. During the flood of 1955 the right abutment area of the structure was breached and the flood flow resulted in a deep, as well as a wide opening, at the right end of the dam. Since that time no repairs have been made to the dam.

It is my understanding that the dam is now owned by a Mr. Walter Black. I have not confirmed this ownership and, until some definite action is taken to result in a change at the dam, there would seem to be no reason to investigate present ownership.

The Town of Hampden is at present reconstructing the public roadway adjacent to the dam site which leads into the center of Hampden from the west. The travelled way is being widened and shifted into a hill located northerly of the old roadway and it had been suggested by certain persons within Hampden that the surplus excavated material might be used to plug the breach in the dam. Then, if the dam could not be re-activated from a legal point of view, the center of the dam could be breached to prevent the formation of a pond.

Breaching the center of the dam would straighten the flow of the stream and return the water of Scantic River to its original river bed location at the site of the dam.

Many thoughts were expressed by various townspeople and Board members relative to re-activating the dam, abandoning the dam entirely, use of highway excavation as embankment fill, development of a conservation and recreation area along the stream, etc.

The undersigned advised those present at the meeting that no alteration to the dam as existing could be done until such time as a suitable plan and description of the proposed alteration is filed with your Honorable Board, reviewed and then approved. It was further pointed out that no filling of the flood-made breach at the right of the dam could be done until a pre-designed and County approved new breach is formed in the middle of the dam. A drawing and specifications for the new breach would be required in order to be certain that the breach would be wide enough to safely pass flood flows without ponding water.

I also advised those present that if they were going to give consideration to re-activation of this dam, then in all probability, because of the condition of the remaining portion of the old dam, an entirely new dam would be required. Based upon the size of the drainage area involved and the potential future development on the drainage area, major spillway capacity would undoubtedly be required and thus, a concrete masonry overflow dam might be the only structure which could safely be built at the site of the old dam. Such a structure, with a proper foundation and abutments keyed into the natural ledge, would probably exceed \$100,000 in cost, based on present day prices.

The undersigned also advised those present that any filling or alteration done within the limits of the stream may be under the control of the Hatch Act and those responsible for any work within the stream should clear this matter with the Mass. Dept. of Natural Resources.

Present at the meeting were representatives of the Board of Selectmen, the Planning Board, Finance Committee, Conservation Commission, as well as others and interested citizens.

It was agreed at the conclusion of the meeting that no filling would take place within the stream and that nothing would be done to the dam until all suggestions and problems brought up at the conference are investigated, studied and opinions relative thereto are received from the Town Attorney.

**TIGHE  
& BOND CONSULTING ENGINEERS**

-3-

The undersigned made a visit to the site on Tuesday morning, March 19th following the heavy rainfall of the previous two days to personally observe conditions at the dam in question. Highway work was proceeding but the Supt. of the Highway Dept. was not doing any filling in the stream bed adjacent to the dam and he agreed that no such filling would be done which would interfere with the free flow of water through the flood caused breach. The flow of Scantic River was relatively high and rapid. The water was safely passing around the old breached dam.

All of the hereinabove information is provided your Honorable Board for file and record purposes in connection with the LaBonte Dam in Hampden.

Very truly yours,

---

George H. McDonnell  
County Hydraulic Engineer

GHM/amd

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# ***TIGHE & BOND***

***CONSULTING ENGINEERS***

CIVIL, SANITARY AND ELECTRICAL ENGINEERING  
INVESTIGATIONS, REPORTS, PLANS AND SPECIFICATIONS  
SUPERVISION OF CONSTRUCTION AND OPERATION

BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
March 20, 1968

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

On Thursday evening, March 14, 1968, the undersigned met with various officials of the Town of Hampden, at their request, regarding the old dam across Scantic River, formerly known as the LaBonte Dam, to provide information relative to County requirements in connection with any alteration to this old abandoned dam.

The dam is located a short distance downstream from the center of Hampden. During the flood of 1955 the right abutment area of the structure was breached and the flood flow resulted in a deep, as well as a wide opening, at the right end of the dam. Since that time no repairs have been made to the dam.

It is my understanding that the dam is now owned by a Mr. Walter Black. I have not confirmed this ownership and, until some definite action is taken to result in a change at the dam, there would seem to be no reason to investigate present ownership.

The Town of Hampden is at present reconstructing the public roadway adjacent to the dam site which leads into the center of Hampden from the west. The travelled way is being widened and shifted into a hill located northerly of the old roadway and it had been suggested by certain persons within Hampden that the surplus excavated material might be used to plug the breach in the dam. Then, if the dam could not be re-activated from a legal point of view, the center of the dam could be breached to prevent the formation of a pond.

Breaching the center of the dam would straighten the flow of the stream and return the water of Scantic River to its original river bed location at the site of the dam.

Many thoughts were expressed by various townspeople and Board members relative to re-activating the dam, abandoning the dam entirely, use of highway excavation as embankment fill, development of a conservation and recreation area along the stream, etc.

The undersigned advised those present at the meeting that no alteration to the dam as existing could be done until such time as a suitable plan and description of the proposed alteration is filed with your Honorable Board, reviewed and then approved. It was further pointed out that no filling of the flood-made breach at the right of the dam could be done until a pre-designed and County approved new breach is formed in the middle of the dam. A drawing and specifications for the new breach would be required in order to be certain that the breach would be wide enough to safely pass flood flows without ponding water.

I also advised those present that if they were going to give consideration to re-activation of this dam, then in all probability, because of the condition of the remaining portion of the old dam, an entirely new dam would be required. Based upon the size of the drainage area involved and the potential future development on the drainage area, major spillway capacity would undoubtedly be required and thus, a concrete masonry overflow dam might be the only structure which could safely be built at the site of the old dam. Such a structure, with a proper foundation and abutments keyed into the natural ledge, would probably exceed \$100,000 in cost, based on present day prices.

The undersigned also advised those present that any filling or alteration done within the limits of the stream may be under the control of the Hatch Act and those responsible for any work within the stream should clear this matter with the Mass. Dept. of Natural Resources.

Present at the meeting were representatives of the Board of Selectmen, the Planning Board, Finance Committee, Conservation Commission, as well as others and interested citizens.

It was agreed at the conclusion of the meeting that no filling would take place within the stream and that nothing would be done to the dam until all suggestions and problems brought up at the conference are investigated, studied and opinions relative thereto are received from the Town Attorney.


**TIGHE  
& BOND CONSULTING ENGINEERS**

-3-

The undersigned made a visit to the site on Tuesday morning, March 19th following the heavy rainfall of the previous two days to personally observe conditions at the dam in question. Highway work was proceeding but the Supt. of the Highway Dept. was not doing any filling in the stream bed adjacent to the dam and he agreed that no such filling would be done which would interfere with the free flow of water through the flood caused breach. The flow of Scantic River was relatively high and rapid. The water was safely passing around the old breached dam.

All of the hereinabove information is provided your Honorable Board for file and record purposes in connection with the LaBonte Dam in Hampden.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd

GEORGE H. McDONNELL  
PHILIP W. SHERIDAN  
EDWARD J. BAYON

# ***TIGHE & BOND*** CONSULTING ENGINEERS

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BOWERS AND PEQUOT STREETS  
HOLYOKE, MASSACHUSETTS  
TEL. JEFFERSON 3-3991

CD Hampden  
May 20, 1969

The Honorable the Board of County Commissioners  
52 State Street  
Springfield, Massachusetts

Gentlemen:

The undersigned made an inspection of the old, breached and abandoned LaBonte Dam on Scantic River in Hampden at the request of the Secretary of the Conservation group in town. A telephone report was made to Mrs. Blizzard to provide the group with an immediate opinion. I have confirmed my verbal discussion in a communication and include herewith, for your file, a copy of my letter relative to conditions at the dam in question. In County files it is known as the LaBonte Dam.

The contents of my letter to Mrs. Blizzard are self-explanatory.

I also inspected the Gleason dam and found the structure to be in relatively good condition. The embankment fill at this dam has been greatly improved and the tube spillway was functioning satisfactorily.

In the spring of 1968 following heavy March rainstorms, the embankment became soft and movement of embankment material was noted and reported.

The owner of the dam had the condition corrected early in 1968 and the undersigned made inspections to determine that the repair was done in a satisfactory manner.

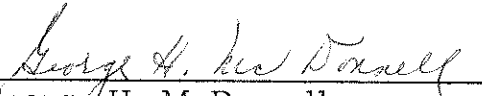
In view of the wet spring weather of this present year, I inspected the dam on Friday, May 16th. The stone fill placed in the embankment and the widening of the embankment accomplished last year has resulted in the dam remaining stable and satisfactory.

**TIGHE  
& BOND CONSULTING ENGINEERS**

-2-

There was no sign of any movement of materials, the toe area was dry and the embankment was well shaped on Friday, May 16th.

Very truly yours,

  
George H. McDonnell  
County Hydraulic Engineer

GHM/amd  
Encl.



Stalker Dam



1933 Hampden

Located on Scantic Brook

City/Town	Hampden
Dam	Stalker Dam
Name	Stalker, E E
Water	Scantic Brook

Hamden Mass May 12 - 1933

County Commissioners  
Springfield Mass

Gents Yours of the 10<sup>th</sup> to hand contents  
Noted The stones were removed by order  
of the selectmen of Hamden when they  
worked on bridge I have taken it up  
with them. they have agreed to do so I attended  
to hoping this will be satisfactory to you

I Am Respt Yours  
Mr E E Statler

May 10, 1933

Mrs. E. E. Stalker,  
Hampden, Mass.

Dear Madam:

In accordance with the provisions of Section 45 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923 and as further amended by Chapter 178 of the Acts of 1924 relative to the inspection, condition and safety of the dams of Hampden County, you are notified that your dam, located on Scantic Brook so called, in the Town of Hampden, has been inspected by our engineer and your attention is called to the following condition noted and recommendation made by him;

"A few stones which have fallen from the face of the dam at the south end should be re-set."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman.

\_\_\_\_\_

\_\_\_\_\_

Enslin Dam



o Hampden

Also see: Dam Report Section - Hampden.

City/Town	Hampden
Dam	Enslin Dam

HAMPDEN  
D08010

ENSLIN DAM

NO IMAGE ON FILE FOR THIS RECORD

(INFORMATION EXISTS ONLY ON A FILE CARD FROM THE  
OFFICE OF THE FORMER HAMPDEN COUNTY ENGINEER.)

Kimball Dam



1926 Hampden

Located on Scantic Brook

City/Town	Hampden
Dam	Kimball Dam
Name	Kimball, Earl H
Name	Clioquot-Club
Water	Scantic Brook

Page 27 of report

H. Earl Kimball,  
142 Angel St.,  
Providence, R.I.

you are notified that your dam,  
located on Scantic Brook so called in the Town  
of Hampden, etc.

"The west end abutment, between  
the west end of the spillway and canal,  
shows some leakage along its ledge  
foundation. There are some trees  
growing on the face of the masonry of  
this abutment, and it is recommended  
that these be cut down and all leakage  
through the structure repaired."

Now, therefore, etc.

March 10, 1926

Mr. H. Earl Kimball,  
142 Angel Street,  
Providence, R. I.

Dear Sir:

In accordance with the provisions of Section 45 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923 and as further amended by Chapter 178 of the Acts of 1924 relative to the inspection, condition and safety of the dams of Hampden County, you are notified that your dam, located on Scantic Brook so-called in the Town of Hampden, has been inspected by our engineer and your attention is called to the following recommendations made by him:

"The west end abutment, between the west end of the spillway and canal, shows some leakage along its ledge foundation. There are some trees growing on the face of the masonry of this abutment, and it is recommended that these be cut down and all leakage through the structure repaired."

Now, therefore, in accordance with Section 46 of said Chapter 253, it is ordered that the above recommendations be complied with in a reasonable time.

Yours very truly,

COUNTY COMMISSIONERS

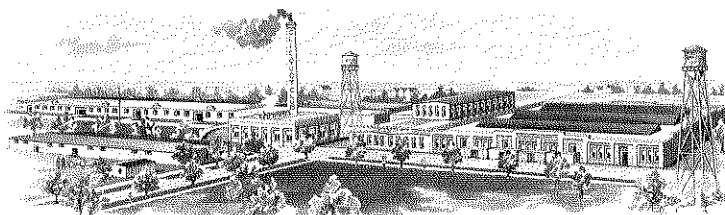
By \_\_\_\_\_  
Chairman

\_\_\_\_\_

\_\_\_\_\_



ESTABLISHED 1885



## The Clicquot-Club Company.

TRADE MARKS REGISTERED U.S. PAT. OFFICE

CLICQUOT-CLUB GINGER ALE  
CLICQUOT-CLUB ROOT BEER

CLICQUOT-CLUB SARSAPARILLA  
CLICQUOT-CLUB BIRCH BEER

MILLIS, MASSACHUSETTS

March 12, 1926

County Commissioners  
County of Hampden  
Springfield, Mass.

Gentlemen:

I am in receipt of your letter of March 10, in regard to the dam on my property at Hampden, Mass., and I will see that your recommendations are carried out as soon as possible.

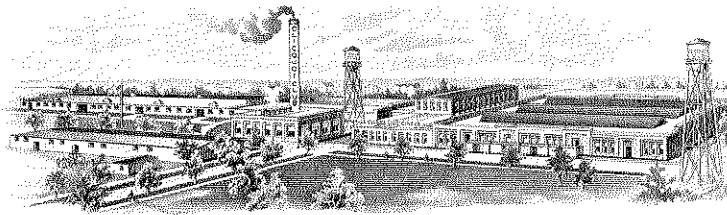
Very truly yours,

A handwritten signature in cursive script, which appears to read "H. C. Knudsen".

142 Angell Street  
Providence, R. I.

HEK:BLS

ESTABLISHED 1865



# Clicquot Club Company

TRADE MARKS REGISTERED U.S. PAT. OFFICE

CLICQUOT CLUB GOLDEN GINGER ALE CLICQUOT CLUB SARSAPARILLA  
CLICQUOT CLUB PALE DRY GINGER ALE

MILLIS, MASSACHUSETTS

November 23, 1926.

Mr. George S. Cook, Chairman  
County Commissioner  
County of Hampden  
Springfield, Mass.

Dear Sir:

Will it be possible for you to supply me with a copy of section 45 and 46 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923, and as further amended by Chapter 178 of the Acts of 1924 relative to the inspection, condition and safety of the dams of Hampden County. I desire this in connection with notice received from you dated November 17 concerning the condition of a dam in the town of Hampden.

Thanking you very much for your consideration, I remain

Very truly yours,

H. Earle Kimball  
142 Angell Street  
Providence, R. I.

FPC:EM

By *J. H. Congdon*  
Agent

December 4, 1926

Mr. H. Earle Kimball,  
142 Angell Street,  
Providence, R. I.

Dear Sir:

Enclosed herewith is copy of sections 45 and 46 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923, and as further amended by Chapter 178 of the Acts of 1924, relative to the inspection, condition and safety of the dams of Hampden County, which you requested in your letter of November 23, 1926.

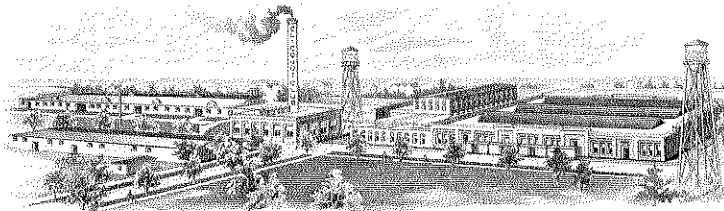
Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_ Chairman.

GSC/N  
Enc.

ESTABLISHED 1885



# Clicquot Club Company

TRADE MARKS REGISTERED U.S. PAT. OFFICE

CLICQUOT CLUB GOLDEN GINGER ALE CLICQUOT CLUB SARSAPARILLA  
CLICQUOT CLUB PALE DRY GINGER ALE

MILLIS, MASSACHUSETTS

December 13, 1926

Mr. George S. Cook, Chairman  
County of Hampden  
Springfield, Mass.

Dear Sir:

I wish to thank you for sending me copy of Sections 45 and 46 of Chapter #253 of the General Laws as amended by Chapter #334 of the Acts of 1923 and as further amended by Chapter #178 of Acts of 1924 relating to the inspection of dams of Hampden County.

It is evident, if you feel that the dam on my property in Hampden would cause a loss of life or damage of a road or bridge, that you can have me fix the aforesaid dam, but I really do not want to spend any money on this dam if it is not absolutely necessary.

My father owned this property for years and after his death it came into my possession. I sold the property several years ago to a man in Springfield for \$2500. and took his note for the same. This party has since died and his wife requested that I take back the property and cancel the note, as she was in hard straits and could not use the property. This I did, so I am still holding it. I am trying to sell it, as I have no use for it and I know it would be better for the County of Hampden to have a real going concern on this property than to have it held by me.

Now if I must fix this dam up, of course, I will do so, but if it is not endangering any lives, road or bridge, would it not be possible to leave it as it is for the present?

Your reply will be greatly appreciated.

Very truly yours,

HEK:BLS  
ENC. Stamped Env.

Copy of this letter sent to Mr. Tucker on Dec. 16, 1926

# JAMES L. TIGHE

MEMBER  
AM. SOC. C. E.  
INST. C. E. GREAT BRITAIN  
ENG. INST. OF CANADA

CONSULTING ENGINEER  
CALEDONIAN BUILDING, 189 HIGH STREET  
HOLYOKE, MASS.  
TELEPHONE 790

MEMBER  
BOSTON SOC. C. E.  
ENG. SOC. WEST. MASS.  
AM. & N. E. W. W. ASSOC'S

MEMBER AM. INST. OF CONSULTING ENGINEERS, INC.

WATER SUPPLY  
SEWERAGE  
SEWAGE DISPOSAL  
ANALYSIS OF WATER

(Copy)

WATER POWER INVESTIGATIONS  
AND DEVELOPMENT  
DAMS AND POWER INSTALLATIONS  
ESTIMATES AND APPRAISALS

December 20 1926

Mr. H. Earl Kimball  
142 Angell Street  
Providence R. I.

Dear Sir:

Your letter of December 13, to the County Commissioners Hampden County Mass., relative to your dam, was turned over to me as the Engineer who examined the structure.

In answer thereto I beg to state that the repairs suggested are not very much, comparatively speaking, since they include only the cutting down of the trees and the brush growing in the dam and the stopping of small leaks. The latter can, it seems, be stopped by the dumping of gravel along the up stream toe of the structure.

The dam appears to be a substantial one and with small repairs made from time to time can be kept in such condition for many years.

Of course, if you think it advisable to make no repairs thereon and to abandon the structure, so to speak, the thing to do is, to make a sufficient opening through the structure in order that no pond will be formed by the brook at any time even in high water.

On the other hand, if you consider it advisable to make the repairs suggested, I think the County Commissioners would extend the time to the coming Spring or early Summer to do the work

Any further information you might want in regard to the matter, I shall be glad to give it to you so far as I am able.

Respectfully,

James L. Tighe

April 26, 1933.

Mr. H. Earl Kimball,  
142 Angell Street,  
Providence, R. I.

Dear Sir:

In accordance with the provisions of Section 45 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923 and as further amended by Chapter 178 of the Acts of 1924 relative to the inspection, condition and safety of the dams of Hampden County, you are notified that your dam, located of Scentic Brook, so called, in the Town of Hampden, has been inspected by our engineer and your attention is called to the following condition noted and recommendation made by him;

"There is some leakage through the dam at the waste gate next to the north bulkhead. This part of the dam should be repaired and the leakage stopped."

Now, therefore, in accordance with Section 46 of said Chapter 253, it is ordered that the above recommendation be complied with in a reasonable length of time.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman.

\_\_\_\_\_  
\_\_\_\_\_

Goodwill Dam



1926 Hampden

Located on East Brook.

City/Town	Hampden
Dam	Goodwill Dam
Name	Goodwill, Harry
Water	East Brook

March 10, 1926

Mr. Harry Goodwell,  
Hampden, Mass.

Dear Sir:

In accordance with the provisions of Section 45 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923 and as further amended by Chapter 178 of the Acts of 1924 relative to the inspection, condition and safety of the dams of Hampden County, you are notified that the dam, looked after by you but owned by the Simon S. Hunt Heirs, located on East Brook so-called in the Town of Hampden, has been inspected by our Engineer and your attention is called to the following recommendations made by him;

"The dam is more or less abandoned and leaks considerably, and the overflow is in a tumbledown condition. If the structure is to be maintained, the leakage should be stopped and the overflow repaired. Likewise, the trees which are growing on the edge of the dam on the downstream side should be cut down. If the structure is to be abandoned, the pond should be drawn down."

Now, therefore, in accordance with Section 46 of said Chapter 253, it is ordered that the above recommendations be complied with in a reasonable time.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman



April 26, 1933

Mr. Harry Goodwill,  
Glendale Road,  
Hampden, Mass.

Dear Sir:

In accordance with the provisions of Section 45 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923 and as further amended by Chapter 178 of the Acts of 1924 relative to the inspection, condition and safety of the dams of Hampden County, you are notified that your dam, located on East Brook so called, in the Town of Hampden, has been inspected by our engineer and your attention is called to the following conditions noted and recommendations made by him;

"There is some leakage through the dam which should be repaired if the pond is to be maintained. There are nine trees growing on the dam. These trees ought to be cut down, as they impair the stability of the structure by rocking in windy weather, and the extension of their roots might cause leakage eventually."

Now, therefore, in accordance with Section 46 of said Chapter 253, it is ordered that the above recommendations be complied with in a reasonable length of time.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_ Chairman.

\_\_\_\_\_  
\_\_\_\_\_

COPY

December 5, 1947

Mr. Harry Goodwill

Hampden, Mass.

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County you are hereby advised that the dam belonging to you and located on East Brook in Hampden has been inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"In a recent inspection made of the Harry Goodwill dam located in Hampden, it was found that there were concentrated leaks through the structure at several points which may result in failure of the dam. These leaks should be closed up by filling in with gravel on the up stream or pond side of the structure."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By Charles W. Bray  
Chairman

William Dwight

Thomas F. Sullivan

Kellogg Dam



o Hampden

Also see: Dam Report Section - Hampden.

City/Town	Hampden
Dam	Kellogg Dam

HAMPDEN  
D08013

KELLOG DAM

NO IMAGE ON FILE FOR THIS RECORD

(INFORMATION EXISTS ONLY ON A FILE CARD FROM THE  
OFFICE OF THE FORMER HAMPDEN COUNTY ENGINEER.)

McCray Dam



1926 Hampden

Pond formed by dam located on Scantic Brook.

City/Town	Hampden
Dam	McCray Dam
Name	McCray, Lincoln
Water	Scantic Brook

Page 27 of report

Lincoln M<sup>c</sup>Cray,  
Hampden, Mass

you are notified that your upper dam,  
located on Scantic Brook so called in the Town of Hampden,  
etc,

"The pond formed by the dam is small and  
practically filled with silt so that in case of  
failure of the structure, no material damage  
would be done by released water because of  
the very small pondage. If the dam is to be  
maintained, however, all leakage should be  
repaired and the structure put in good  
condition."

April 28, 1926

Mr. Lincoln McCray,  
Hampden, Mass.

Dear Sir:

In accordance with the provisions of Section 45 of Chapter 253 of the General Laws as amended by Chapter 334 of the Acts of 1923 and as further amended by Chapter 178 of the Acts of 1924 relative to the inspection, condition and safety of the dams of Hampden County, you are notified that your upper dam, located on Scantic Brook so-called in the Town of Hampden, has been inspected by our engineer and your attention is called to the following recommendations made by him;

"The pond formed by the dam is small and practically filled with silt so that in case of failure of the structure, no material damage would be done by released water because of the very small pondage. If the dam is to be maintained, however, all leakage should be repaired and the structure put in good condition."

Yours very truly,

COUNTY COMMISSIONERS

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Chairman.

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Terry Dam fka Peterson Dam



o Hampden

Also see: Dam Report Section - Hampden.

Dam	Peterson Dam
Dam	Terry Dam
Name	Peterson
Name	Terry, Stanley M



HAMPDEN  
D08015

TERRY DAM

NO IMAGE ON FILE FOR THIS RECORD

(INFORMATION EXISTS ONLY ON A FILE CARD FROM THE  
OFFICE OF THE FORMER HAMPDEN COUNTY ENGINEER.)

Sazama Dam



1950 Hampden

Small dam located on property at North Road.

City/Town	Hampden
Dam	Sazama Dam
Name	Sazama, Robert F
Streets	North Road

October 4, 1950

Mr. R. F. Sazama  
North Road  
Hampden, Massachusetts

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam located in Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him:

"The earth fill section of the dam is overgrown with trees and brush, and should be cleared."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_

Chairman

Nov. 12, 1958

Mr. R. F. Sazama  
North Road  
Hampden, Mass.

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45, et. seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition, and safety of the dams of Hampden County, you are hereby advised that your dam located on the westerly side of North Road on your property in Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"This structure is in a dilapidated state but is not dangerous. The concrete masonry is in need of repair. Some brush has been cut from the dam embankment but there is more brushing and clearing needed. No repairs of any consequence have been made at this structure in the recent past. The owner should plan to repair the masonry and to cut brush from the embankment of the dam during the coming year. The work as outlined is not necessary for the safety of the structure but is recommended if the owner wishes to maintain his dam in a reasonable state of repair."

The work as outlined herein and as recommended by the County Hydraulic Engineer is not an absolute necessity. We are passing on the recommendation of the Engineer for your information and for any action you care to take in connection therewith.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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Dec. 2, 1959

Mr. R. F. Sazama  
North Road  
Hampden, Mass.

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition, and safety of the dams of Hampden County, you are hereby advised that your dam located on the westerly side of North Road on your property in Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"Some brush has been cut from the earth embankment of this structure. Masonry has not been repaired. It would seem advisable for the owner to make necessary repairs to the masonry wall during the coming year. At the present time overflowing water passes over the embankment of the dam to the left of the existing portion of the masonry wall and, in flowing over the earth embankment, the water is forming a washout which could become enlarged and cause failure of the embankment and thus loss of the dam. This condition should be corrected."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

HAMPDEN COUNTY COMMISSIONERS

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Oct. 25, 1961

Mr. Robert F. Sazama  
North Road  
Hampden, Mass.

Dear Sir:

In accordance with Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition, and safety of the dams of Hampden County, you are hereby advised that your dam located off of North Road in Hampden and at the site of your property, has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"It was noted that the embankment is becoming fairly well covered with brush and small tree growth. This growth should be cut in order that the dam can be properly examined and maintained. The masonry wall running the length of the dam is in need of maintenance and repair. Sunken and surface washed areas on top of the dam embankment should be filled and properly graded.

Conditions at the dam do not endanger persons and property downstream. However, it would seem advisable to recommend that the Owner make repairs in order that his investment in this structure will be protected. "

The recommendations as contained hereinabove are sent to you so that you may be aware of the advice passed on to our Board by the County Hydraulic Engineer regarding your dam. Whereas the structure is not in a dangerous condition, the recommendations as contained herein will improve the dam and protect the structure from the need for more costly maintenance and repairs at a later date.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

BD. OF COUNTY COMMISSIONERS

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December 23, 1964

Mr. R.S. Sazarna  
North Road  
Hampden, Massachusetts

Dear Sir:

In accordance with the provisions of Chapt. 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your small dam located on your property at North Road in Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"Brush growth should be kept cut from the embankment of this dam. The upstream masonry wall should be repaired especially to the right of the spillway. Water seeping thru the embankment to the left of the spillway is about the same as in the past. If the Owner wished to control this seepage, he could probably do so by placing an impervious fill on the upstream face of the dam opposite the point from which the seepage emerges. The impervious material could either be clay or till. A fine silty sand or cinders and ashes from a coal fire might also serve the purpose. "

The work as recommended by the County Hydraulic Engineer is not absolutely essential to the safety of the dam. However, to maintain your investment in this structure, and to prevent its deterioration to a point where repairs might be more expensive, the recommendations are passed on to you for your consideration. Brush growth on the dam should be kept cut down and repair work to the upstream masonry wall will improve the safety of the dam by protecting the structure in time of extreme flood flow

conditions when the capacity of the spillway may be exceeded.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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August 2, 1967

Mr. R. S. Sazama  
North Road  
Hampden, Massachusetts

Dear Sir:

In accordance with the provisions of Chapt. 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your small dam located on your property at North Road in Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"This dam was noted to be in fair condition. Leakage still occurs to the left of the spillway and near the toe of the dam. This leakage has been occurring for many years and no appreciable change was noted in the rate of discharge. The upstream masonry curb wall should be repaired where needed and the missing section of the wall, located to the right of the spillway, should be replaced.

All brush growth should be cut from the dam embankment. The top of the embankment, particularly to the right of the spillway, should be brought up to an even grade with compacted fill and then the new fill loamed and seeded.

Water level in storage on the day of inspection was about 1" above the crest of the spillway chute. No flashboards were on the spillway crest.

In recent years there has been very little maintenance work done at this dam. If the owner wishes to protect his investment, the suggested maintenance outlined hereinbefore should be accomplished. The dam will continue to deteriorate and eventually may be worthless unless some maintenance is done.

It is recommended that the owner be advised again of the general condition of his dam. The dam is not dangerous to persons and property downstream, the maintenance work is recommended simply to protect the investment of the owner."

The work as recommended by the County Hydraulic Engineer is not absolutely essential to the safety of the dam. However, to maintain your investment in this structure, and to prevent its deterioration to a point where repairs might be more expensive, the recommendations are passed on to you for your consideration. Brush growth on the dam should be kept cut down and repair work to the upstream masonry wall will improve the safety of the dam by protecting the structure in time of extreme flood flow conditions when the capacity of the spillway may be exceeded.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

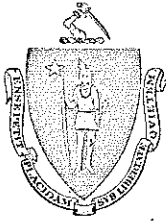
Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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Commonwealth of Massachusetts

# County of Hampden

Springfield, Mass.

Office of the  
County Commissioners  
52 State Street

William F. Stapleton  
Chairman

~~Ralph P. Walsh~~

Floyd W. Fradet

Stephen A. Moynahan

October 22, 1969

Mr. R. S. Sazama  
North Road  
Hampden, Massachusetts

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your small dam located on your property at North Road in Hampden has been inspected recently by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"This dam was noted to be in need of routine maintenance and repair work. The embankment is overgrown with brush and vines. The growth is so thick on the downstream side that it was hard to make an inspection of this portion of the dam. Settled sections of the top of the embankment should be filled with impacted earth and brought up to a finished grade.

Broken and missing sections of the upstream concrete wall should be replaced. Masonry at the spillway should be repaired where needed.

Water level in storage on the day of inspection was at about spillway crest elevation. There were no flashboards on the crest of the spillway.

It has been observed and reported in recent years that the dam is given very little maintenance. The undersigned feels that if the owner wishes to protect his investment, the suggested maintenance outlined hereinbefore should be accomplished in the not too distant future. Preferably this fall and winter if possible. The dam will continue to deteriorate and eventually the structure may be worthless, unless it is properly maintained.

The dam does not impound a great deal of water. Should the dam fail, the quantity of water released would undoubtedly be absorbed in the valley immediately downstream. A culvert under North Road would control the amount of water released to the valley below and the road itself would act as a temporary dam to store released water in the natural valley upstream of the road.

It is recommended that the owner again be advised of the general condition of his dam. He should at least clear the brush and vine growth, repair the upstream masonry wall, repair the spillway masonry and bring the embankment up to proper grade.

The work as recommended by the County Hydraulic Engineer is not absolutely essential in order to protect persons and property downstream as explained in his report. However, to maintain your investment in this dam and pond and to prevent deterioration to a point where much more expensive repairs may be required in the future, it is recommended that the maintenance work needed be done in the near future. Cutting of the brush, adjusting the top of the dam with fill and the repair of the masonry will improve your investment in the dam and the pond.

Any further information concerning this matter which you may desire will be furnished by this office upon request."

Very truly yours,

BOARD OF COUNTY COMMISSIONERS

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Kibbee Dam



1950 Hampden

Located on property just off Somers Road.

City/Town	Hampden
Dam	Kibbee Dam
Name	Kibbee, W L
Streets	Somers Road

October 4, 1950

Mr. W. L. Kibbe  
Somers Road  
Hampden, Massachusetts

Dear Sir:

In accordance with the provisions of Chapter 253, Section 45 et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition and safety of the dams of Hampden County, you are hereby advised that your dam located in Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him:

"The wooden flume spillway has deteriorated, and should be repaired or replaced. There is some leakage under the dam which should be investigated."

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Yours very truly,

COUNTY COMMISSIONERS

By \_\_\_\_\_  
Chairman

Oct. 25, 1961

Mr. W. L. Kibbe  
Somers Road  
Hampden, Mass.

Dear Sir:

In accordance with Chapter 253, Section 45, et seq. of the General Laws, Tercentenary Edition, relative to the inspection, condition, and safety of the dams of Hampden County, you are hereby advised that your dam located on your property just off of Somers Road in Hampden has been recently inspected by our Engineer and your attention is called to the following conditions noted and recommendations made by him.

"A small hole was noted in the right wall of the masonry spillway chute about one foot downstream from the small foot bridge over the spillway. Prodding and probing into the hole indicated the presence of a fairly large cavity in the embankment and under the masonry of the spillway chute. There is no telling for certain how large this cavity has become without excavating in the area and possibly enlarging the hole in the masonry.

The cavity should be investigated and repaired as soon as possible. The cavity could be large enough to cause a failure of the embankment or of the masonry chute and, if the failure occurred over a fairly large area, the water in storage might be suddenly released. Sudden release of the water could flood property and the public roadway a short distance downstream. "

The cavity as reported by the County Hydraulic Engineer should be investigated at an early date and the necessary repairs made to prevent any possibility of a collapse occurring in the embankment or of the spillway

chute. It is possible that the cavity is small and can be repaired at an early date for a minimum of expense. Water in storage should be lowered if a major excavation of the embankment is necessary in order to determine the full extent of the cavity. The County Hydraulic Engineer would be pleased to advise you in connection with this matter if you so desire.

Any further information concerning this matter which you may desire will be furnished by this office upon request.

Very truly yours,

BD. OF COUNTY COMMISSIONERS

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Gordon Dam fka Worthing Dam



o Hampden

Also see: Dam Report Section - Hampden. See also: County Roads Plan #4 (1955) "Extension to erosion dams - W Main St - land W O Worthing".

Dam	Gordon Dam
Dam	Worthing Dam
Name	Worthing
Name	Gordon, E A

HAMPDEN  
D08018

GORDON DAM fka WORTHING DAM

NO IMAGE ON FILE FOR THIS RECORD

(INFORMATION EXISTS ONLY ON A FILE CARD FROM THE  
OFFICE OF THE FORMER HAMPDEN COUNTY ENGINEER.)



**End of Book D08~ Dams ~ Town of Hampden**